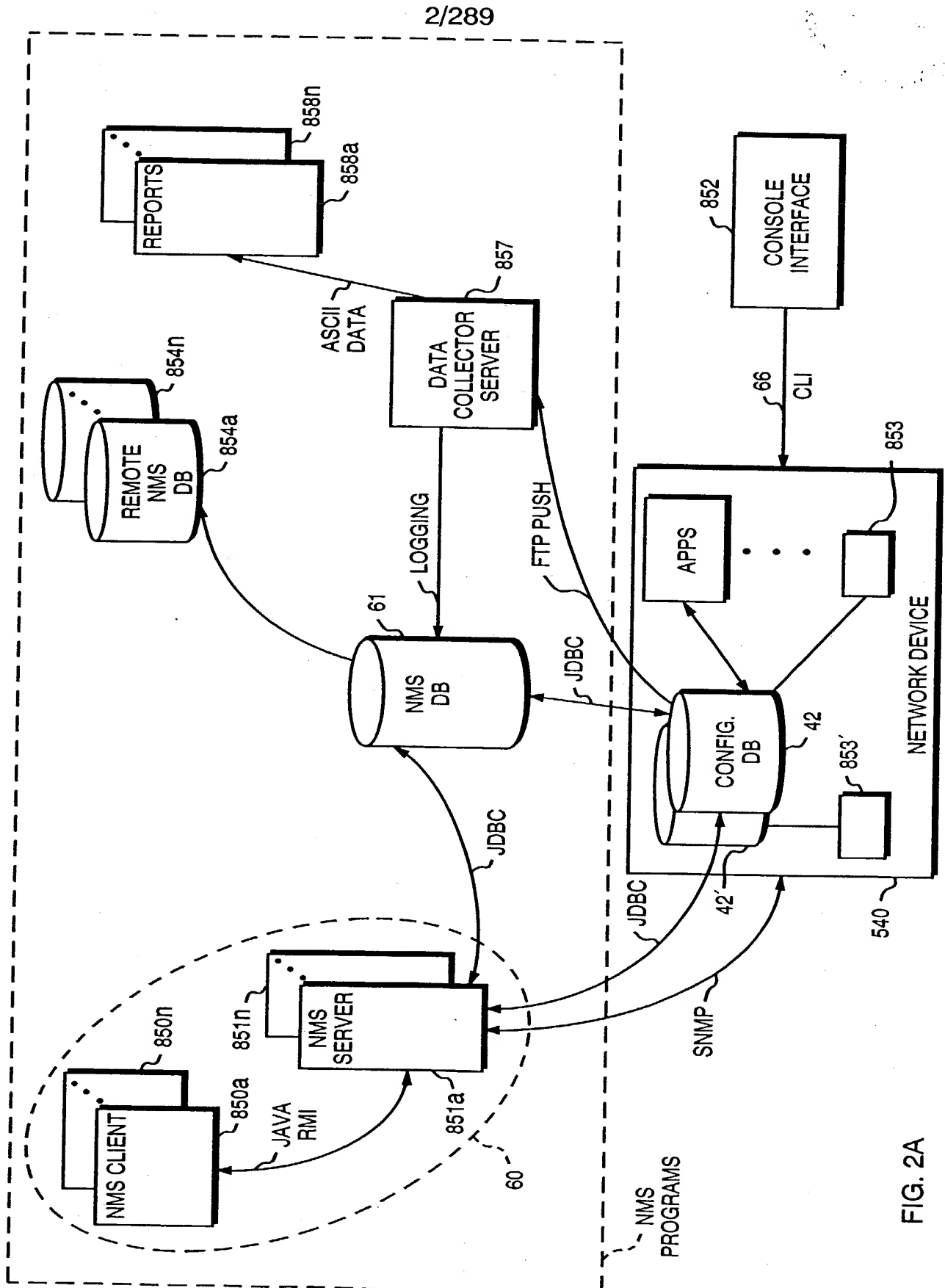


FIG. 1



3/289

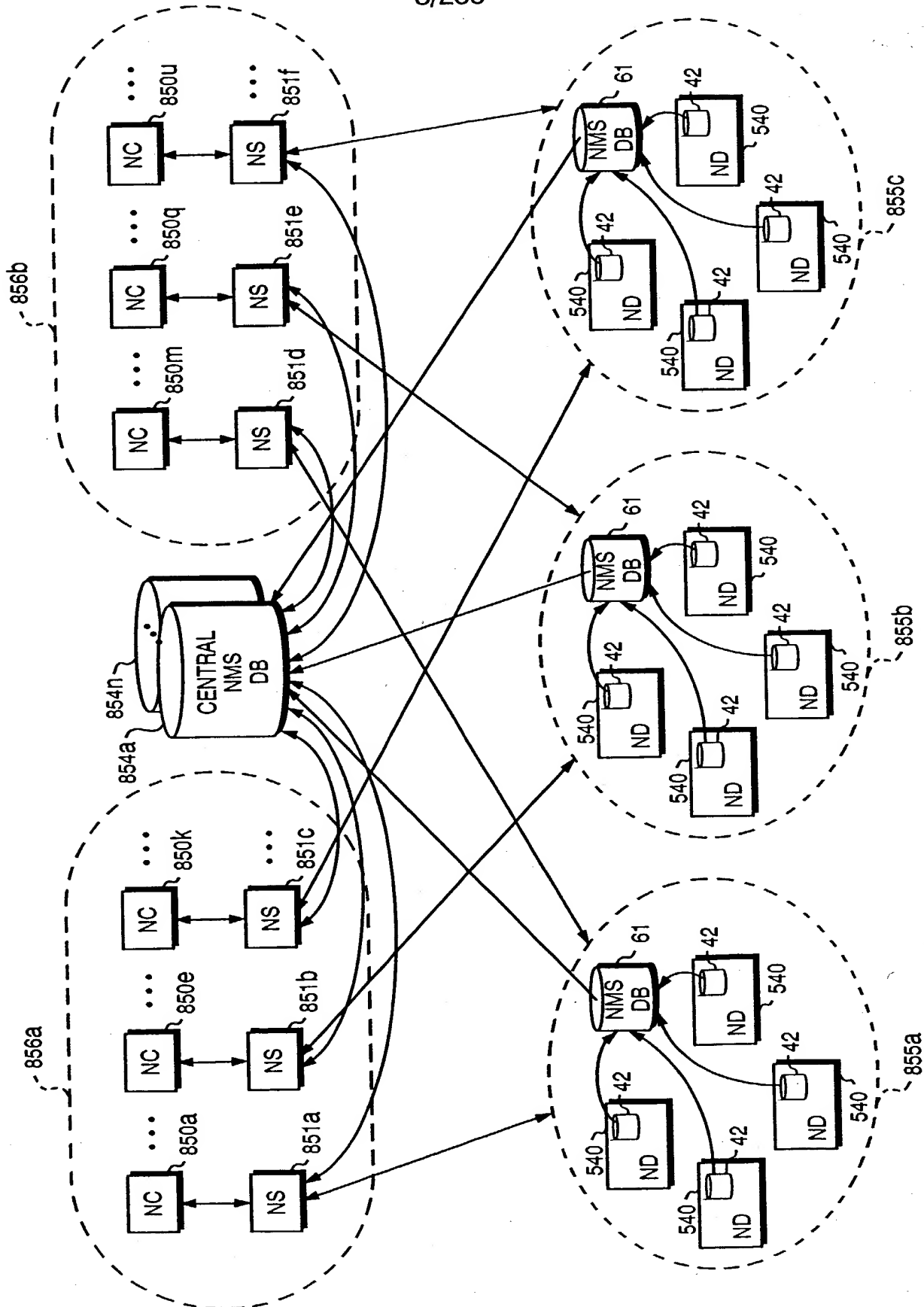


FIG. 2B

4/289

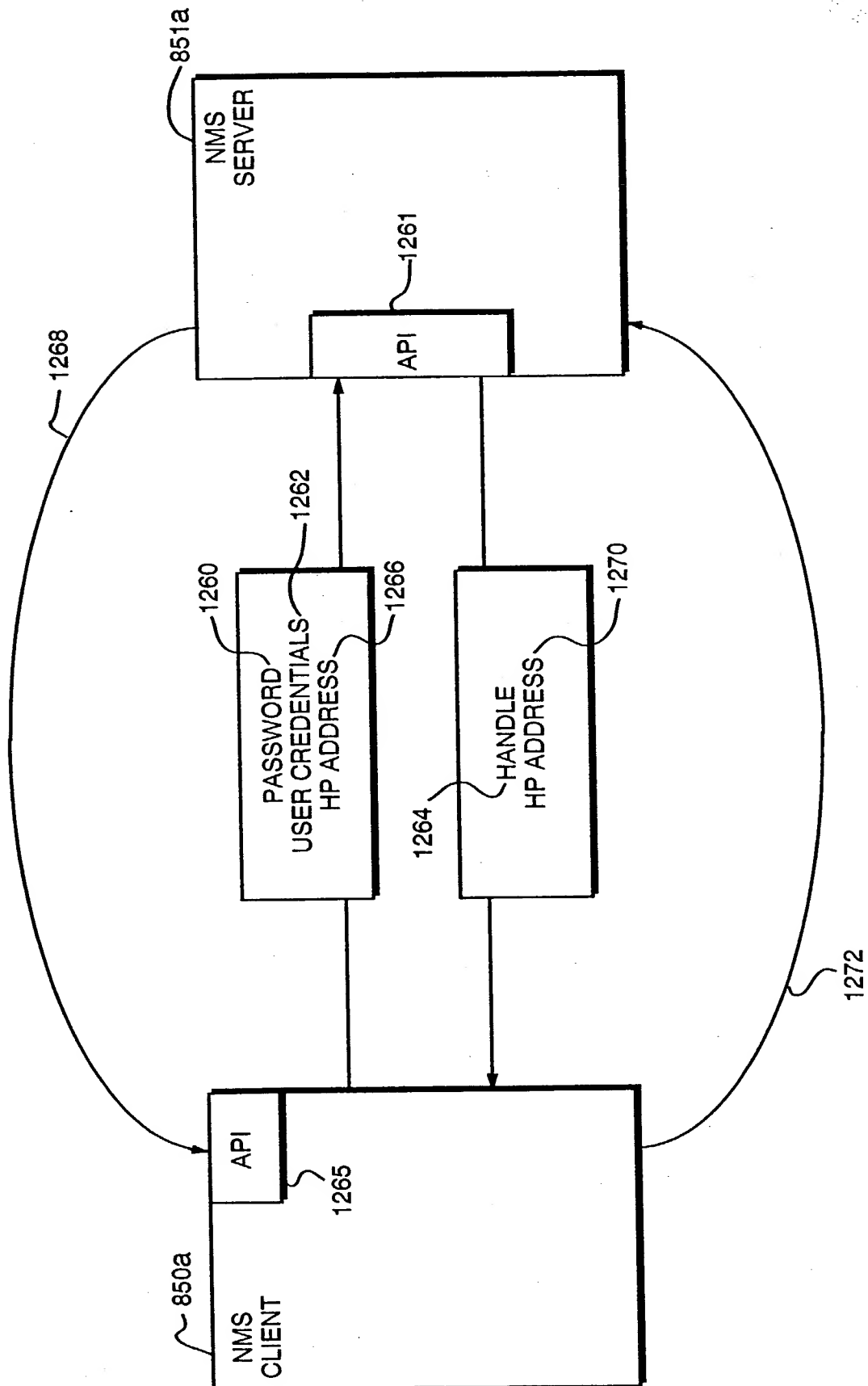


FIG. 2C

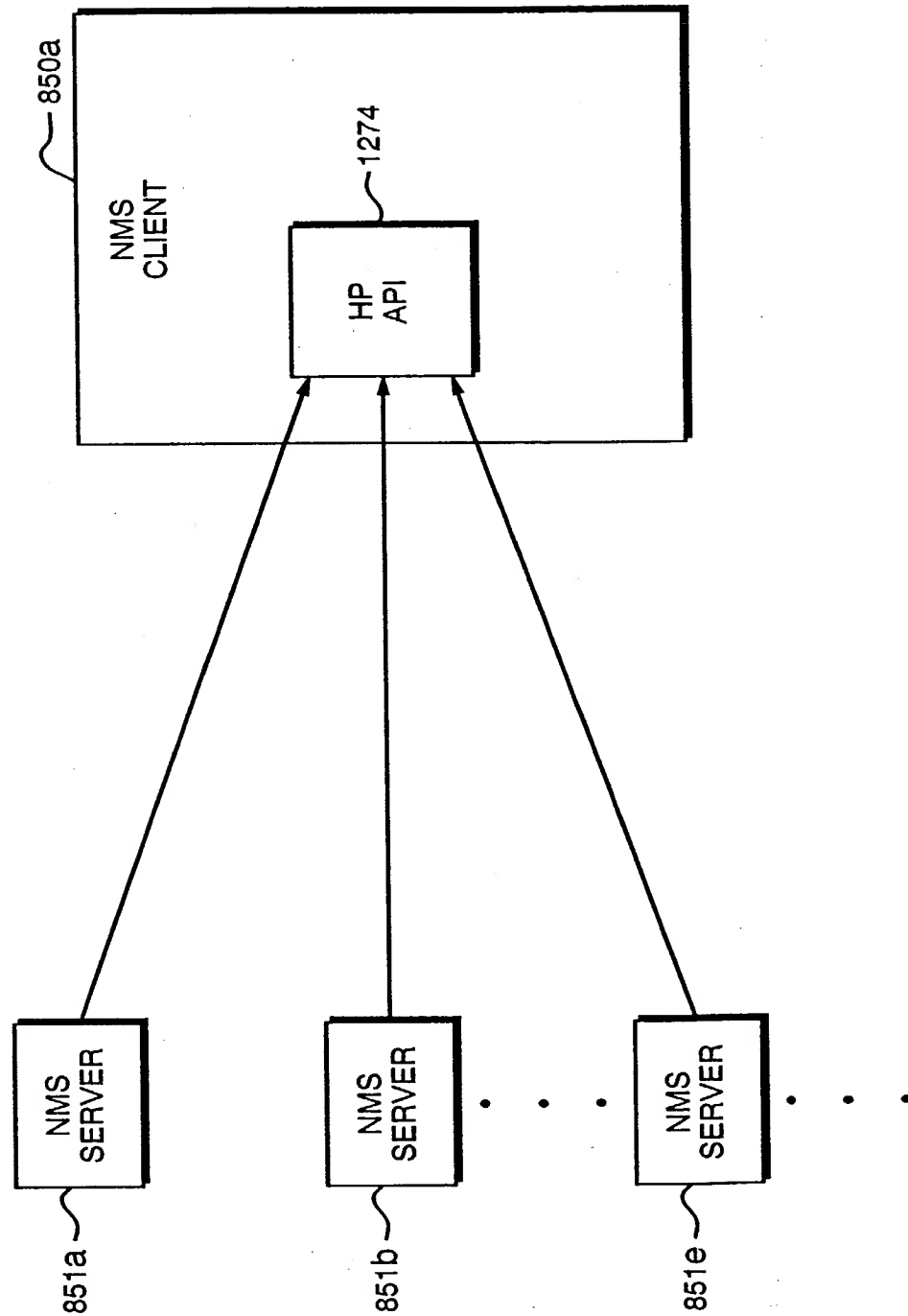


FIG. 2D

6/289

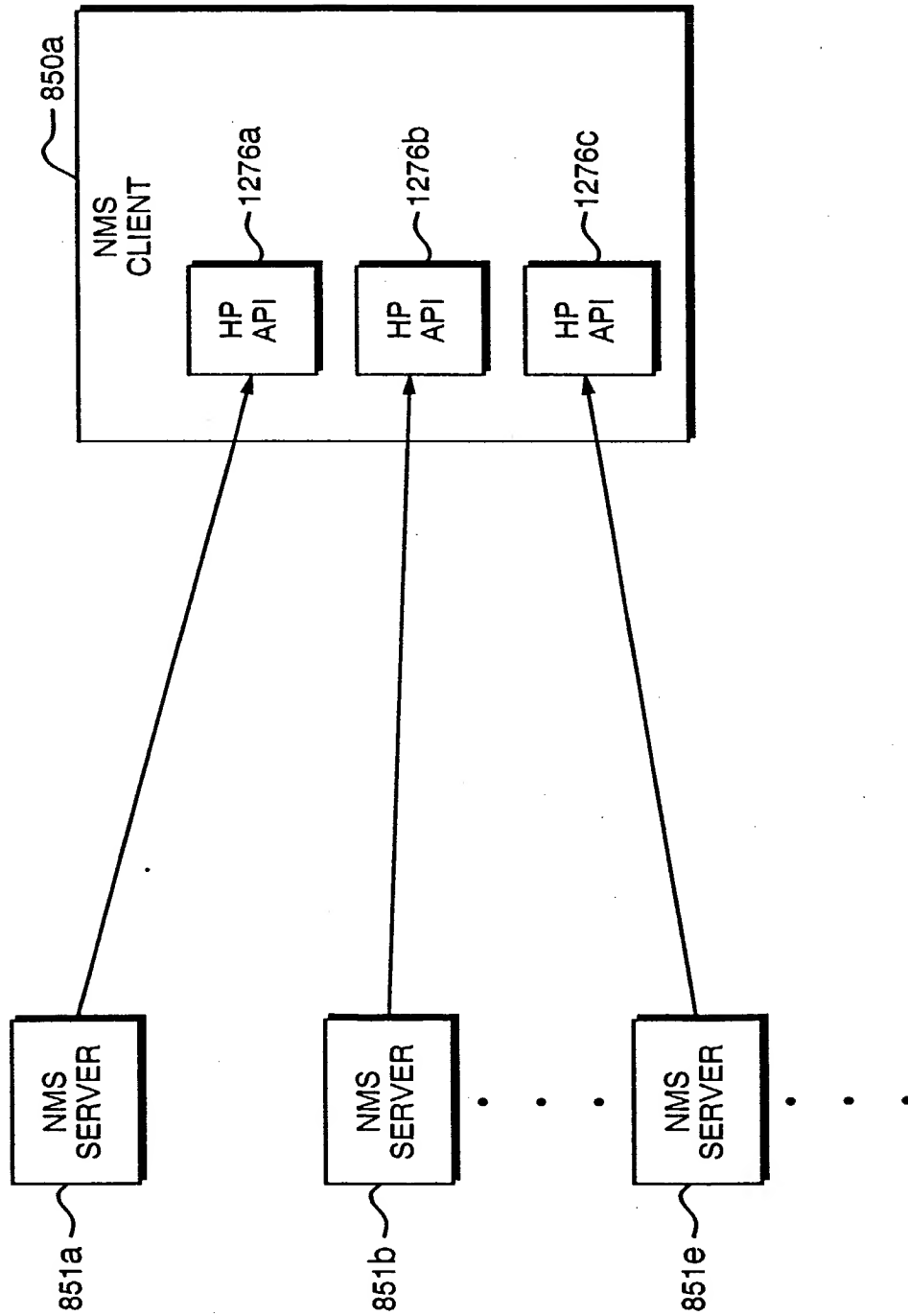


FIG. 2E

7/289

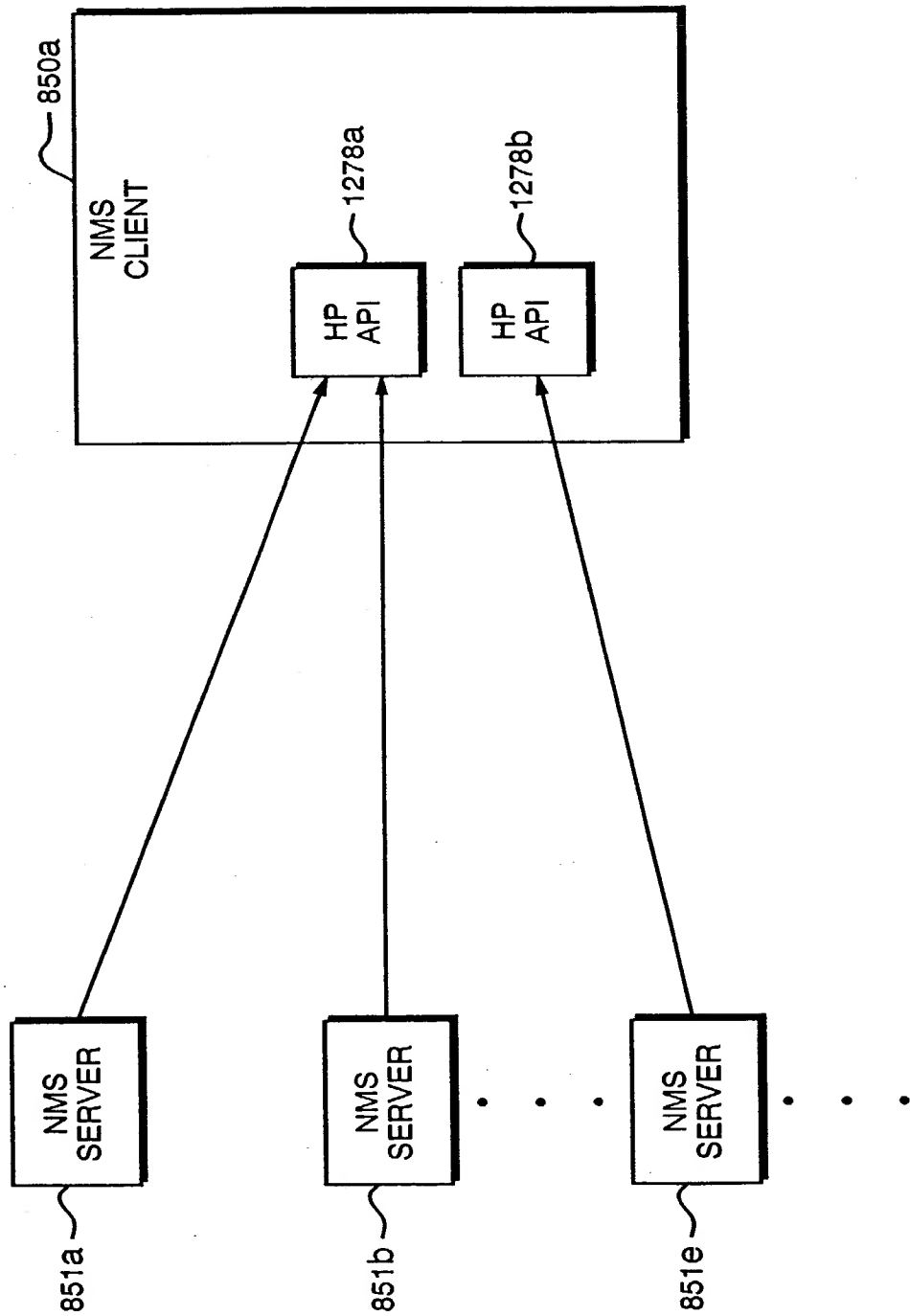


FIG. 2F

8/289

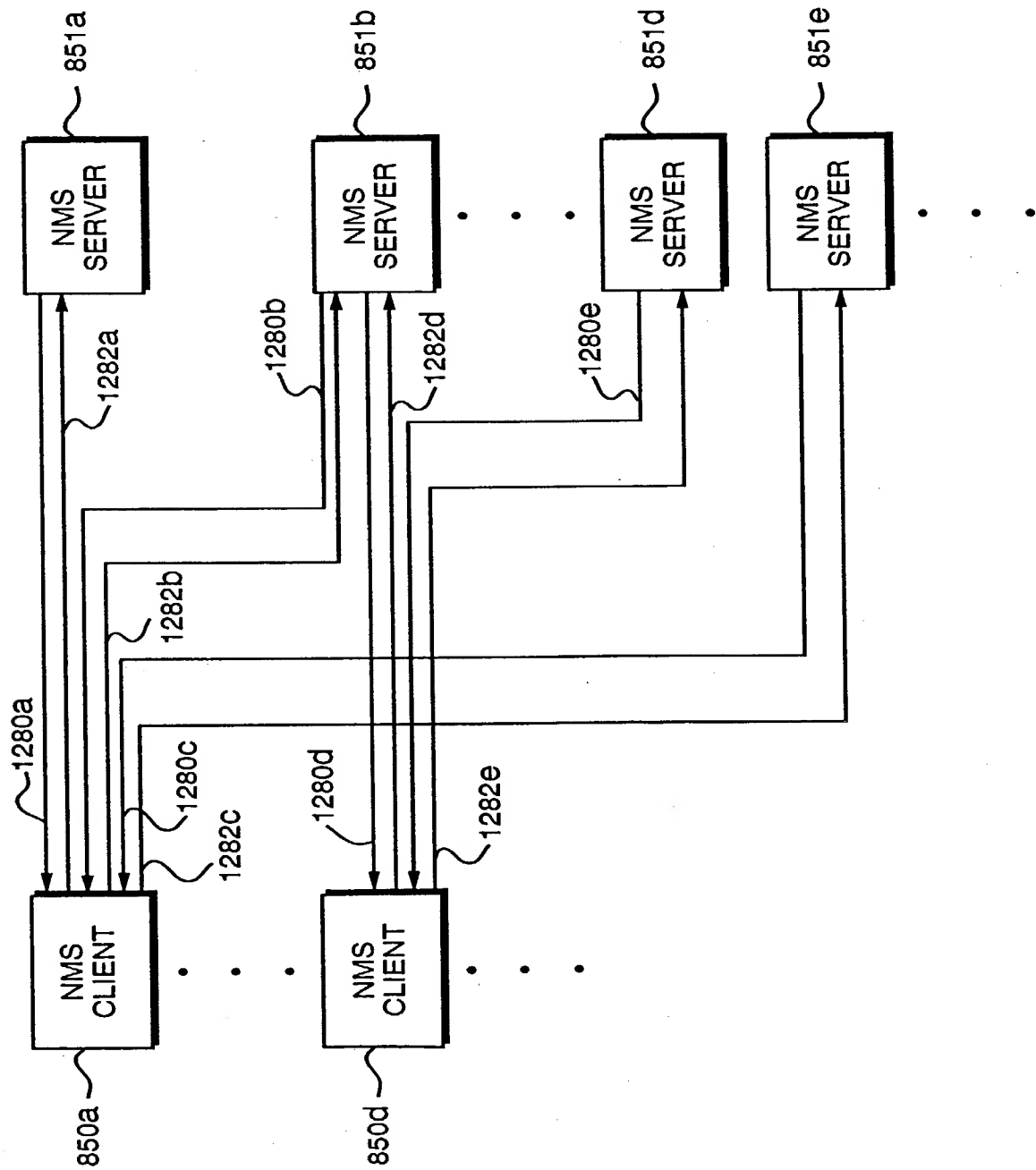


FIG. 2G

9/289

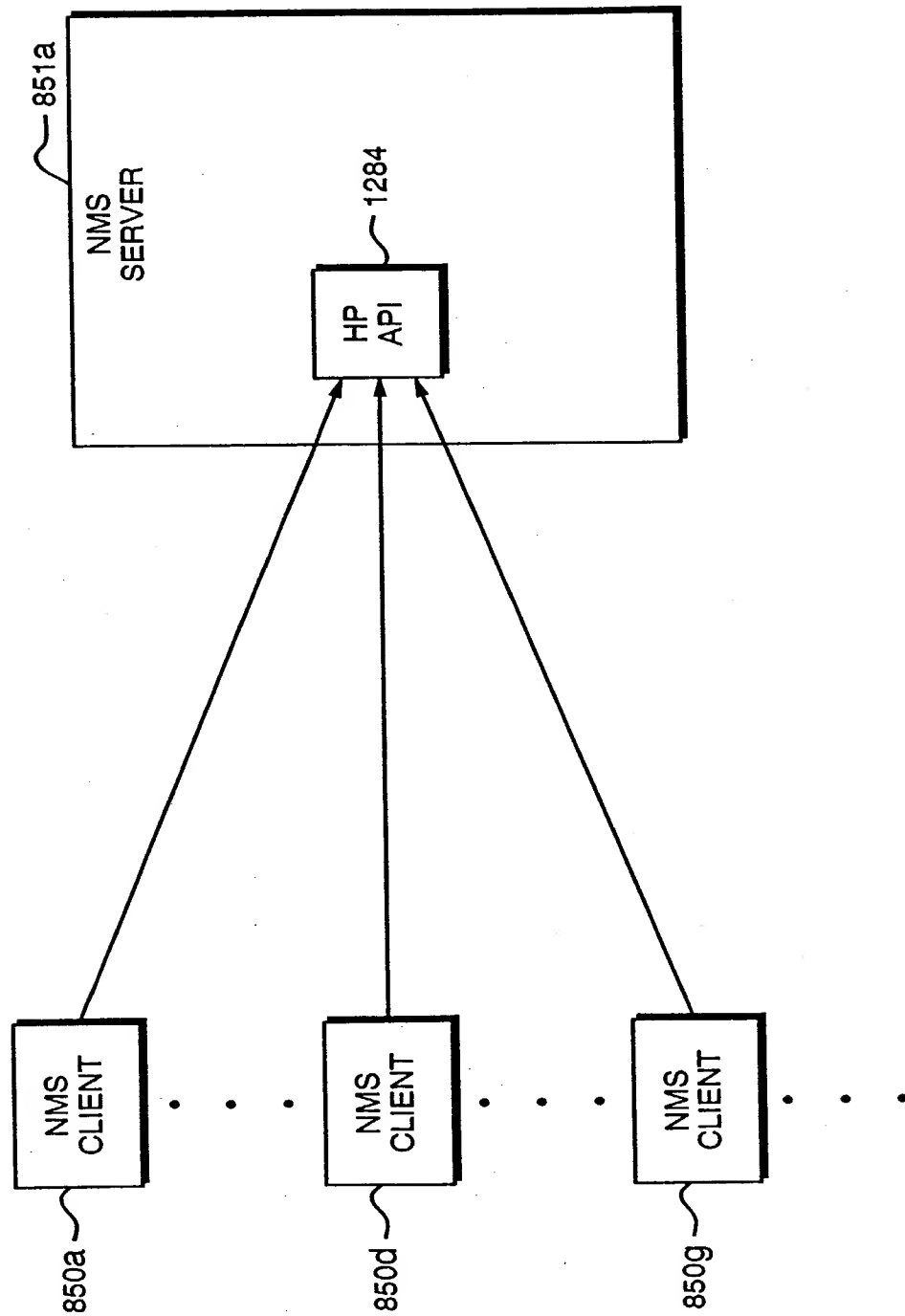


FIG. 2H

10/289

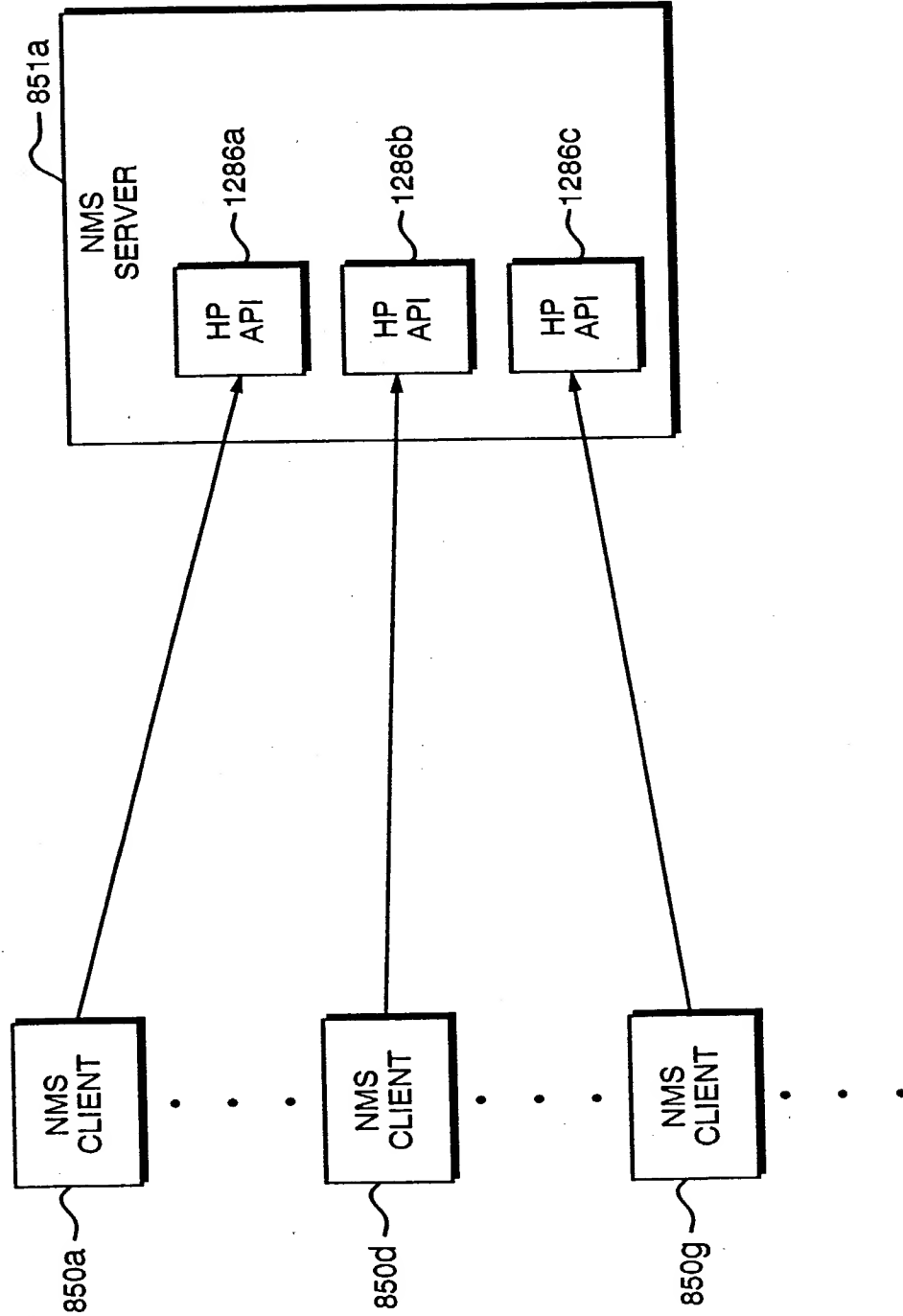


FIG. 2I

11/289

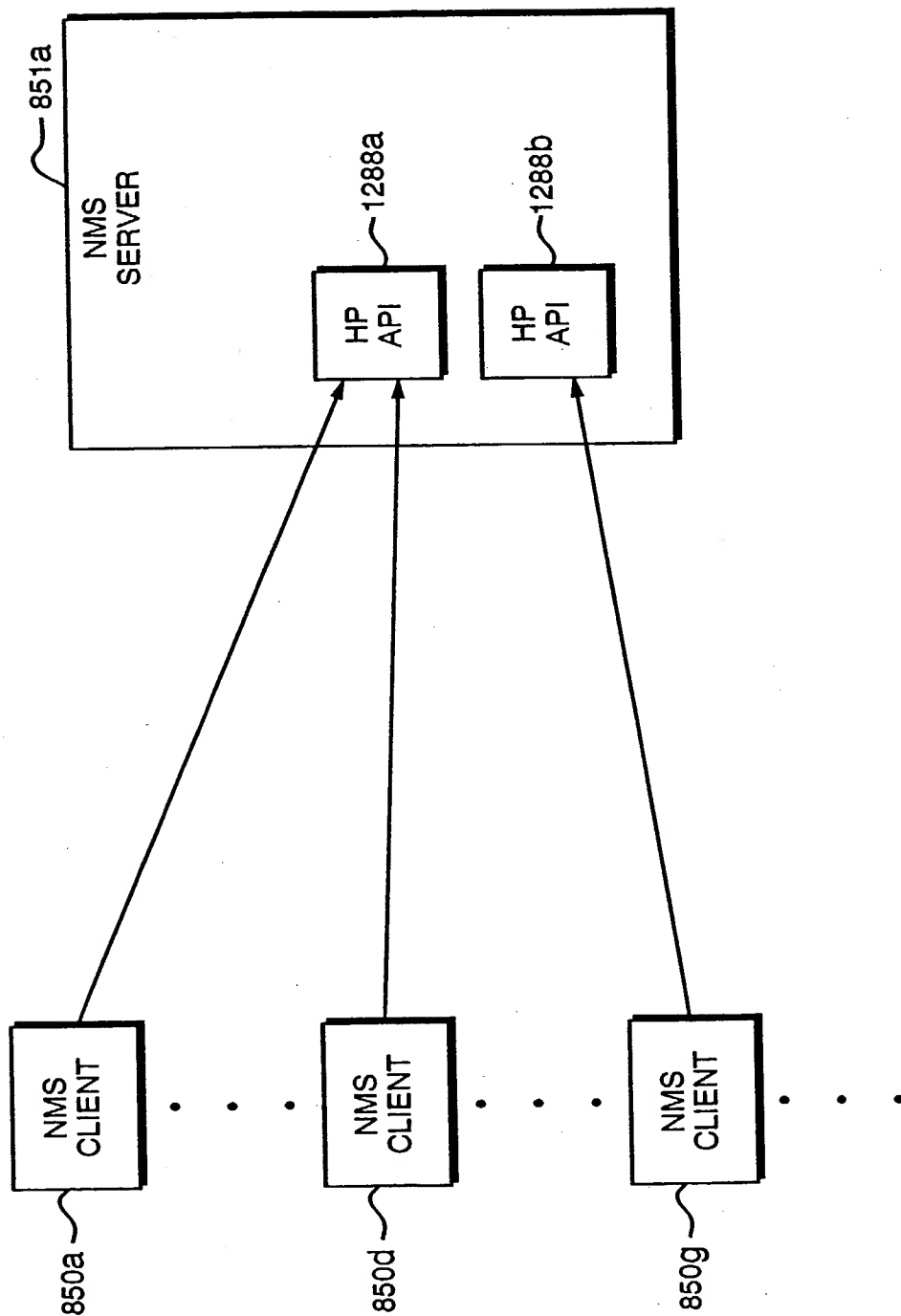
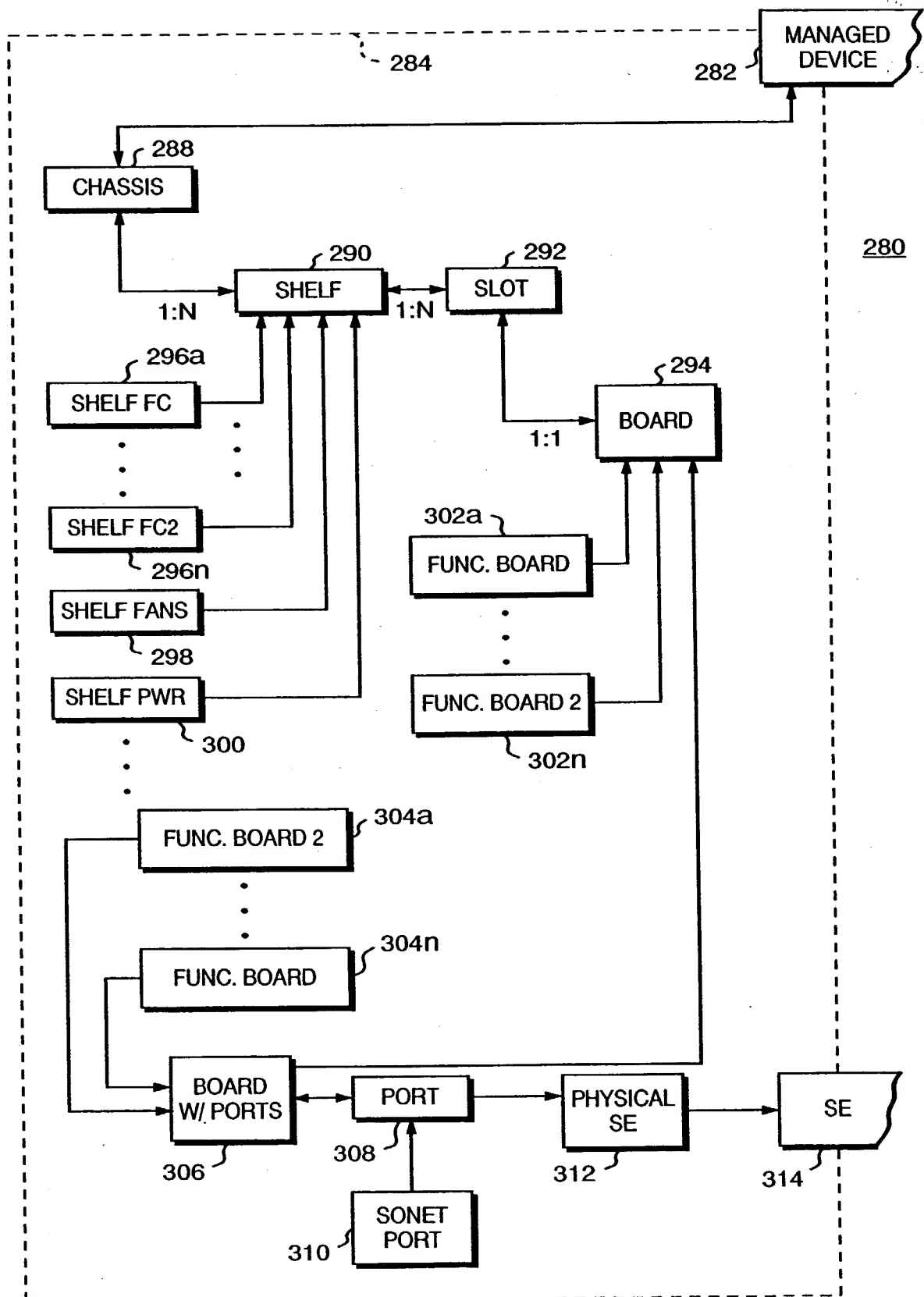


FIG. 2J

12/289



13/289

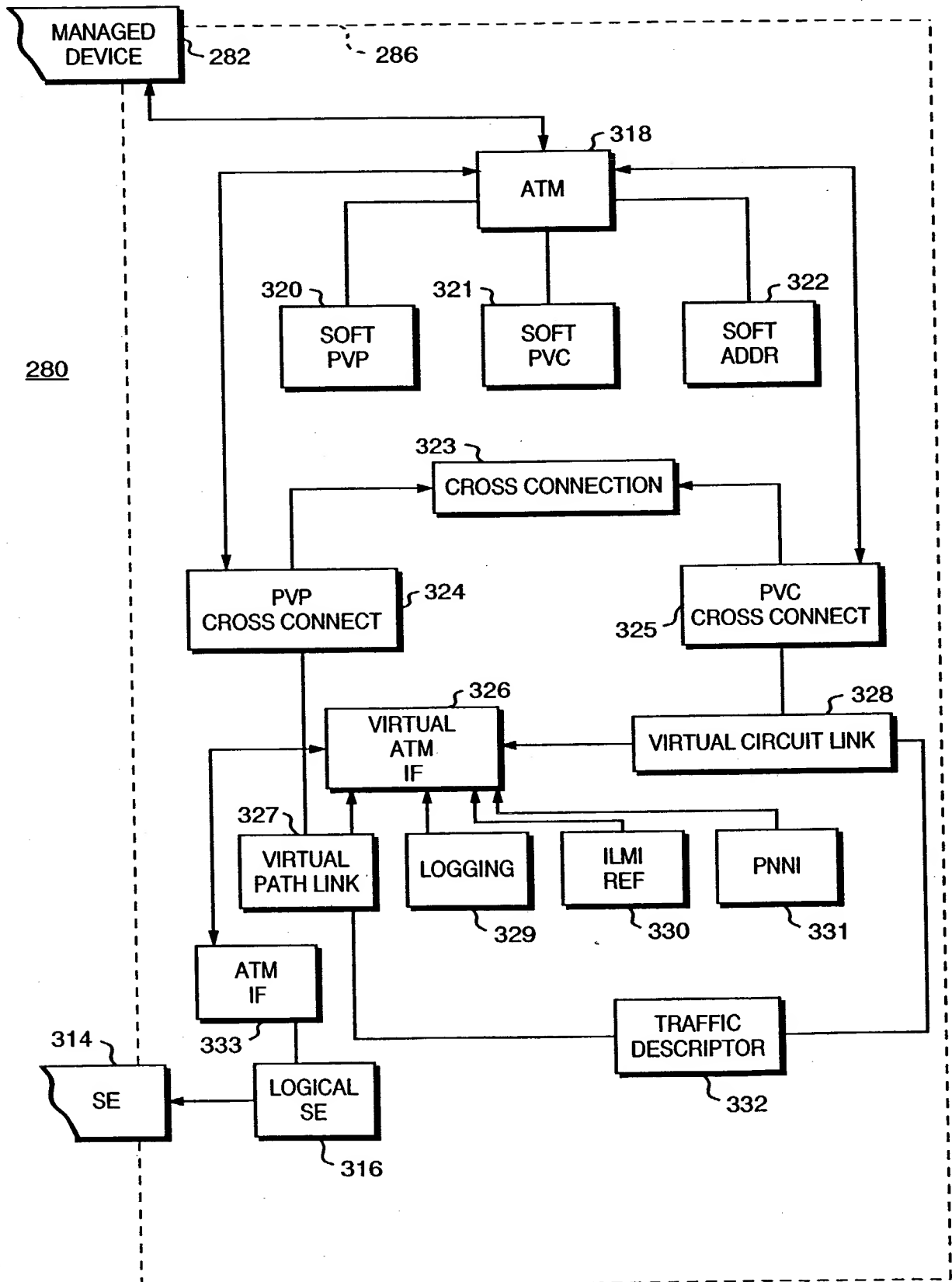
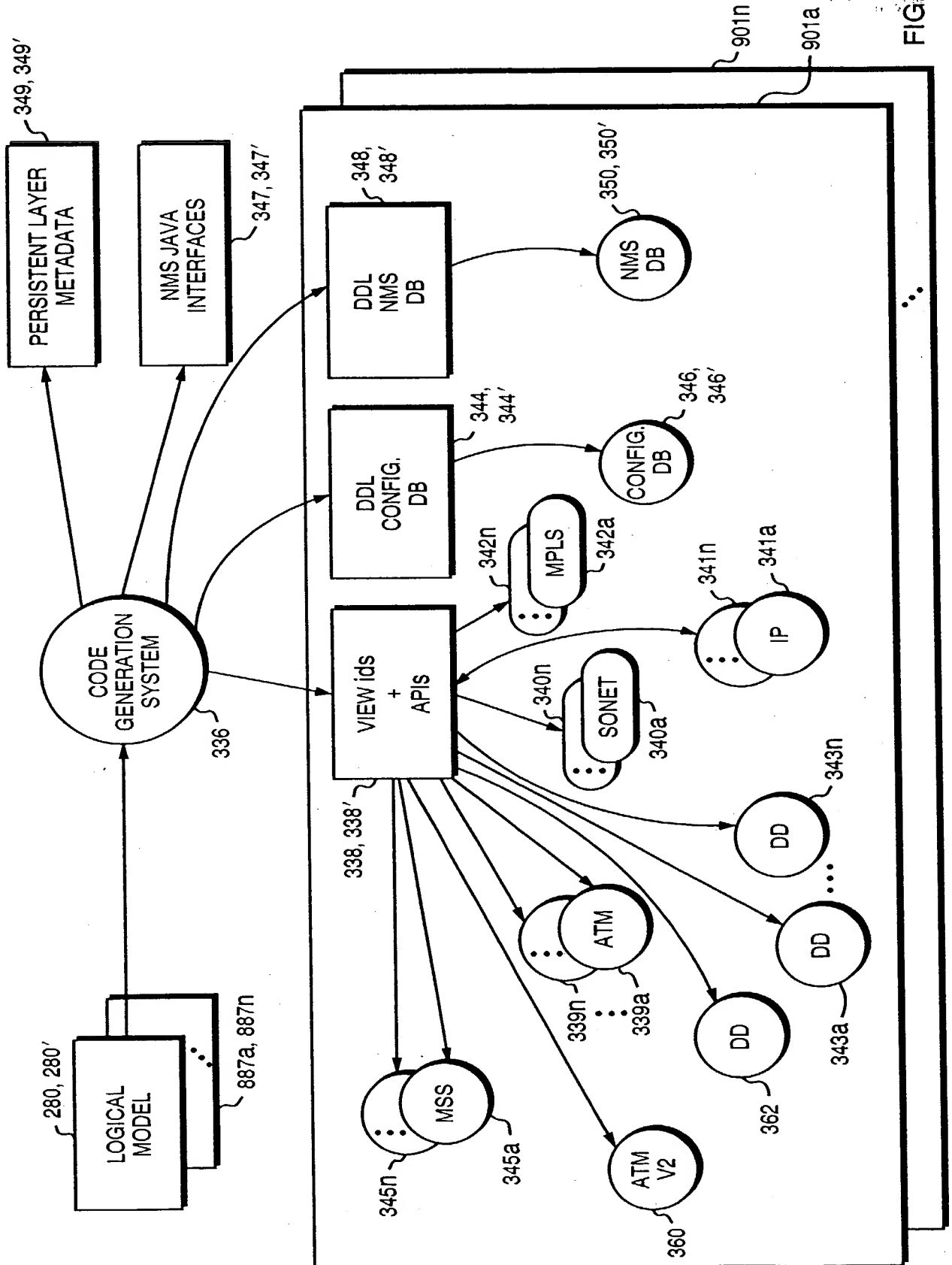


FIG. 3B

102689-73

14/289



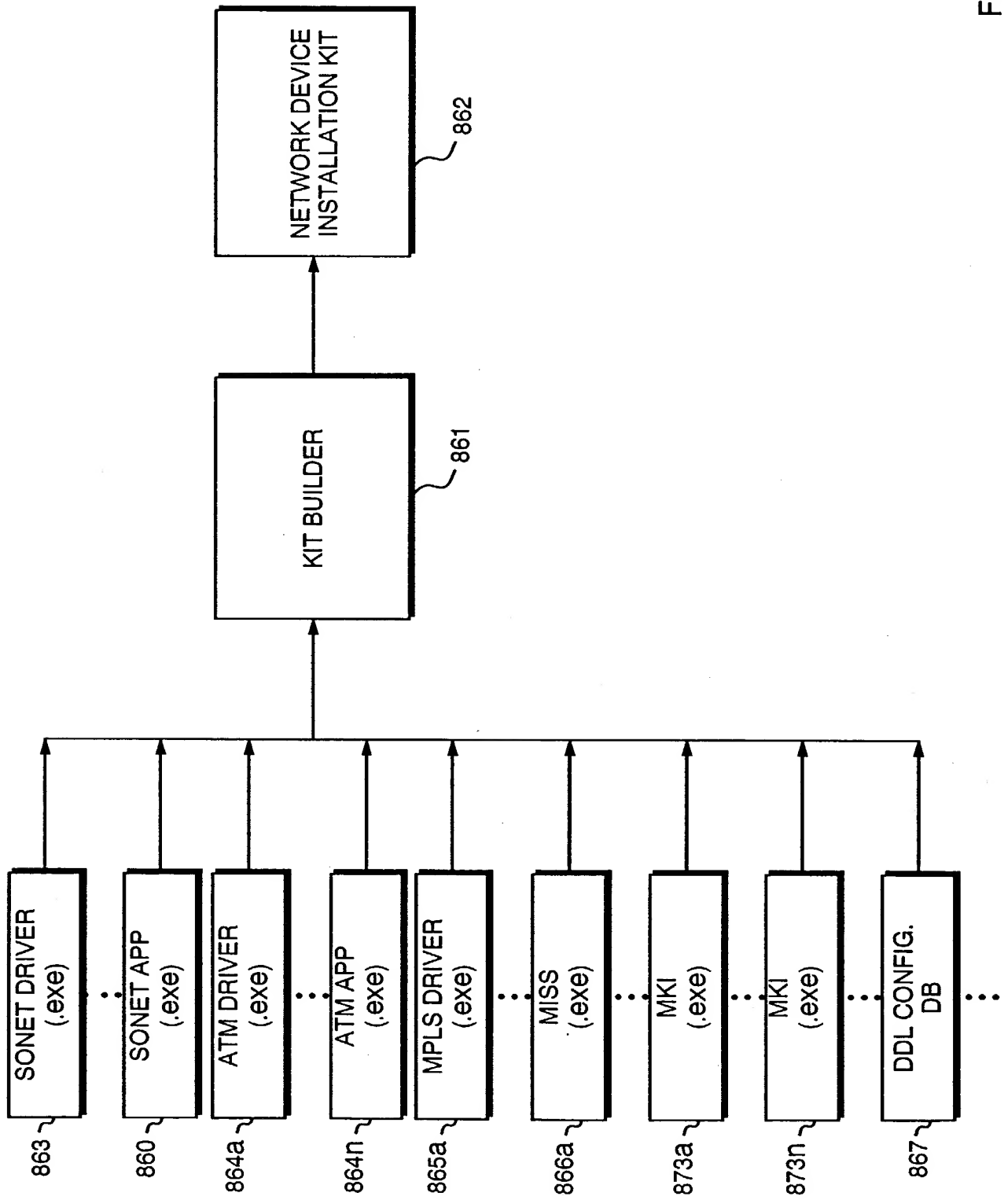


FIG. 3F

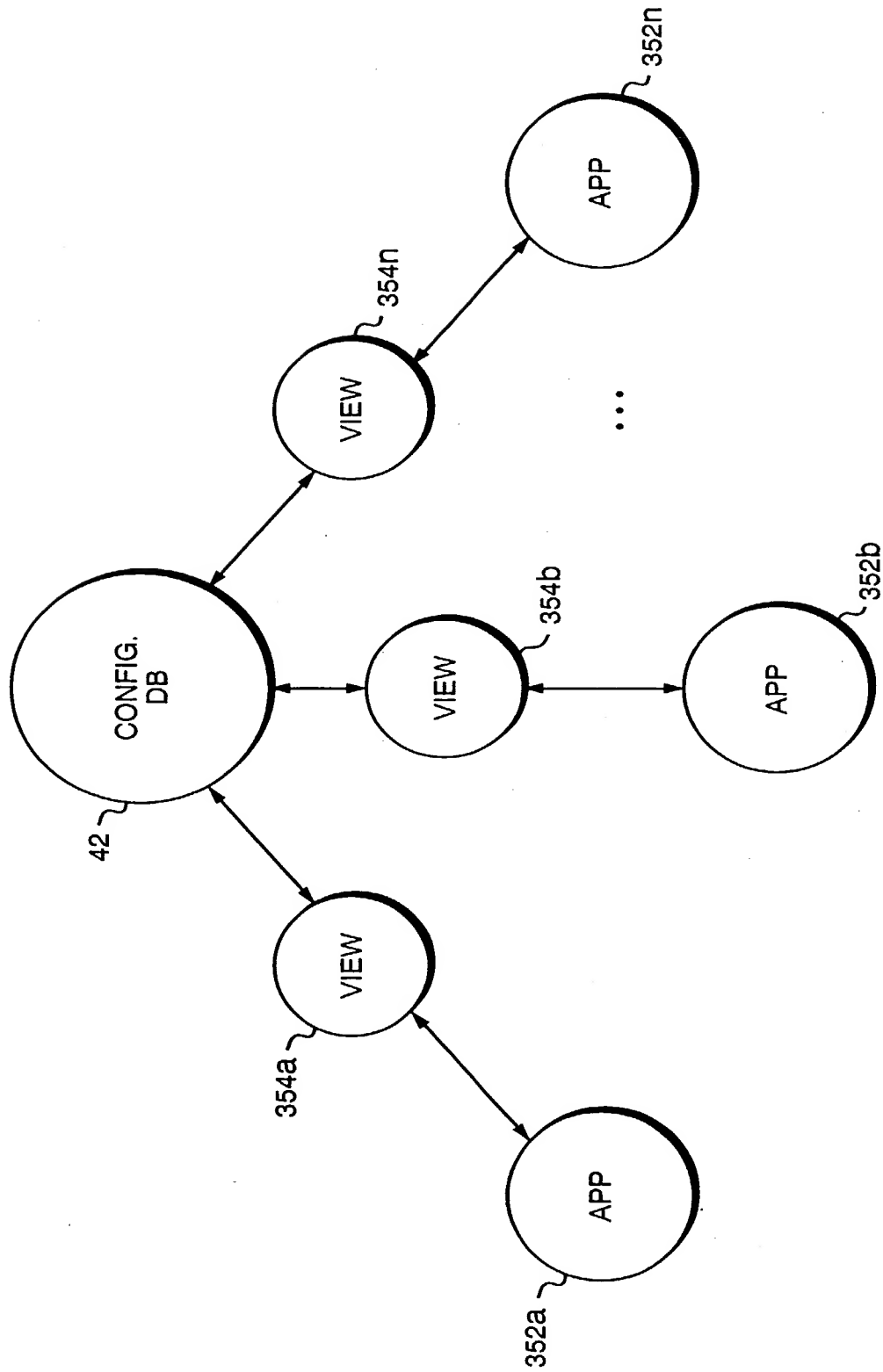


FIG. 3D

16/289

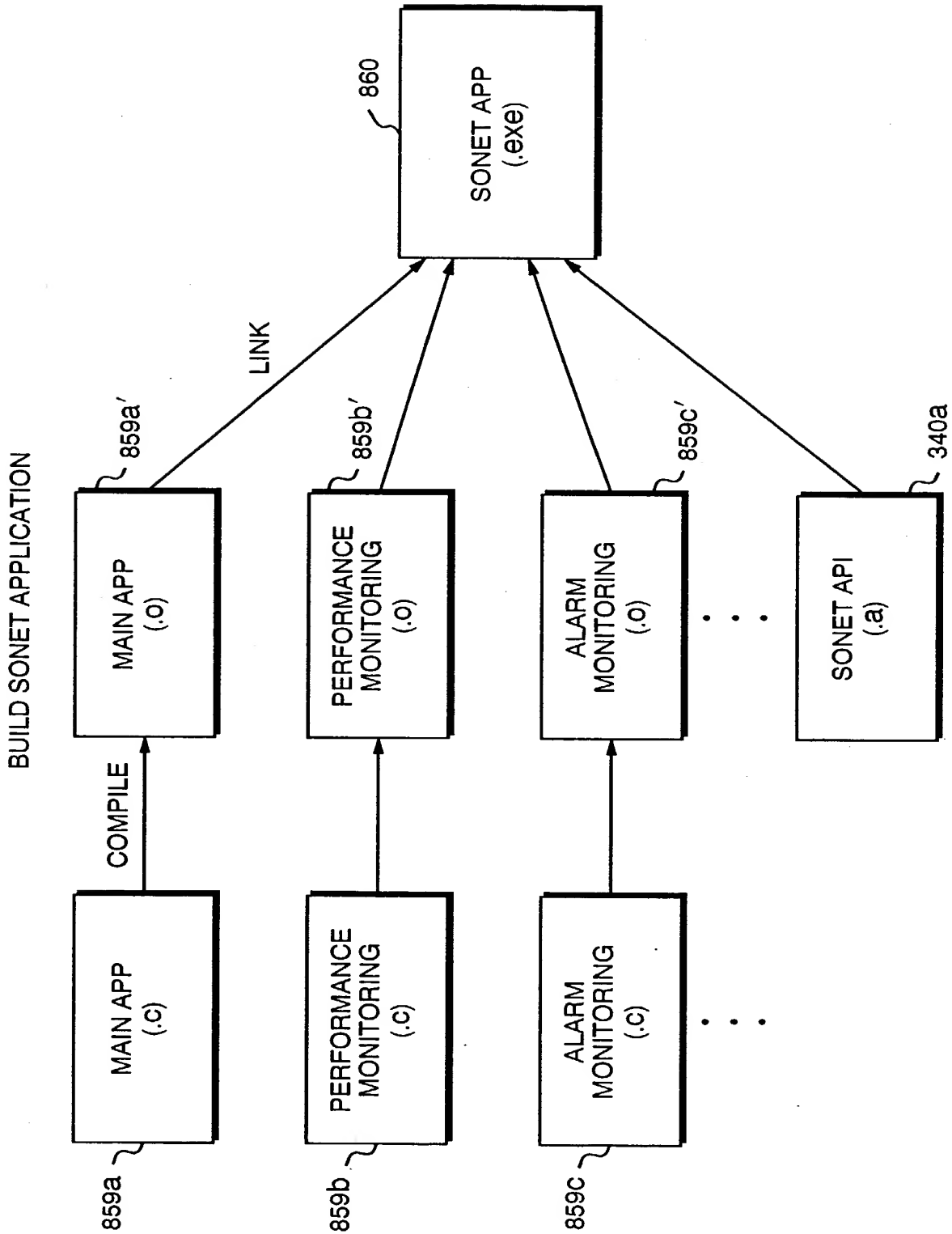


FIG. 3E

18/289

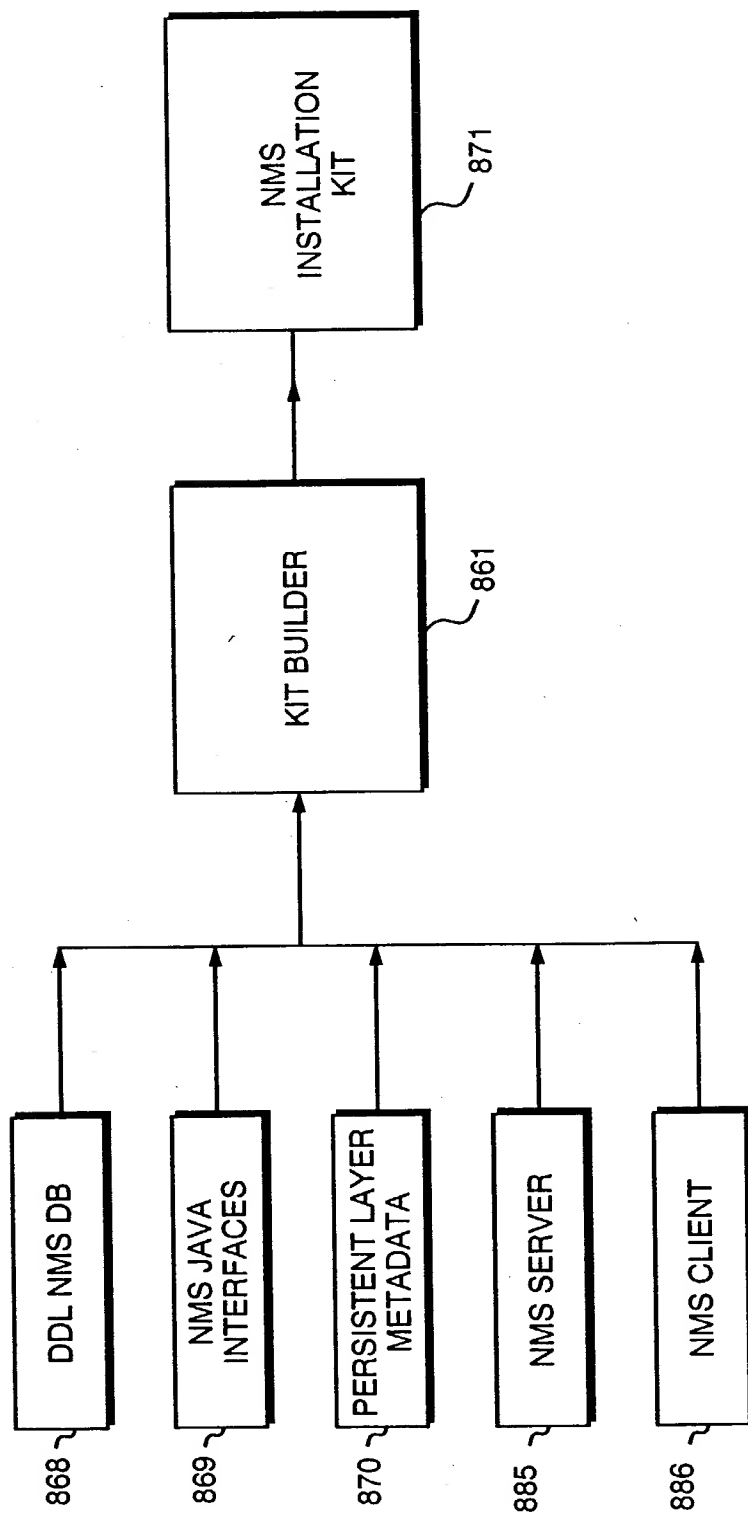


FIG. 3G

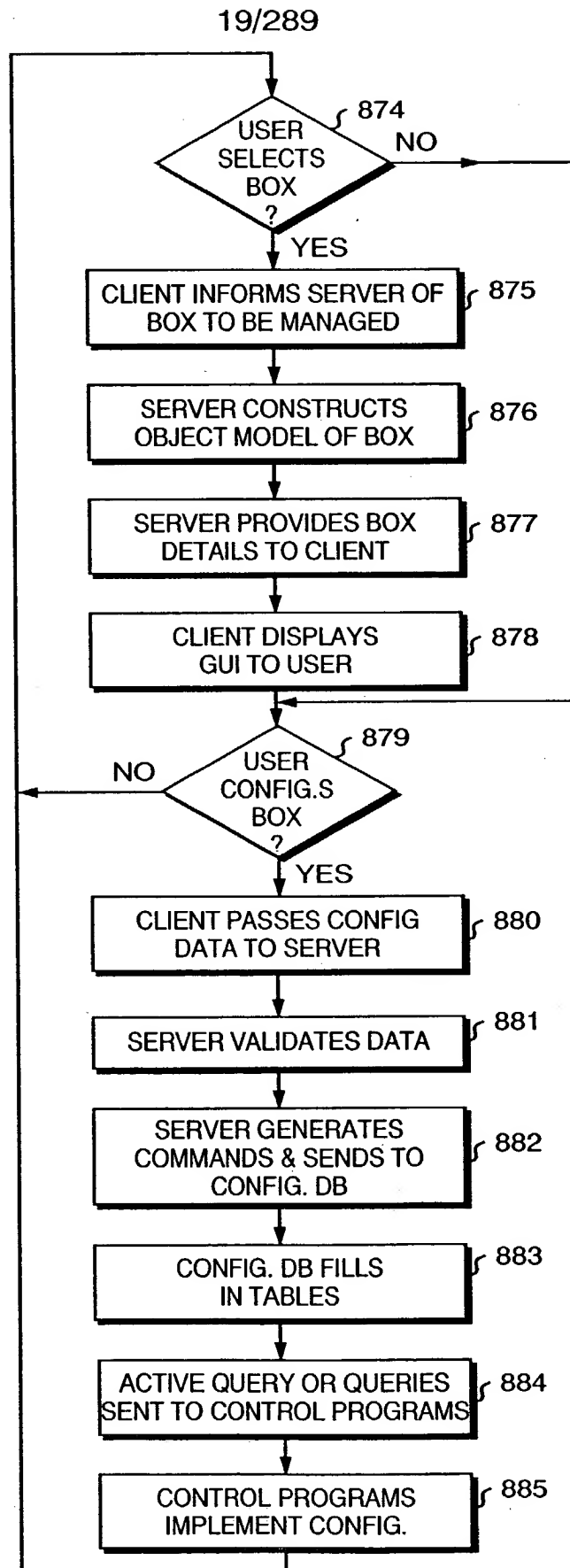


FIG. 3H

20/289

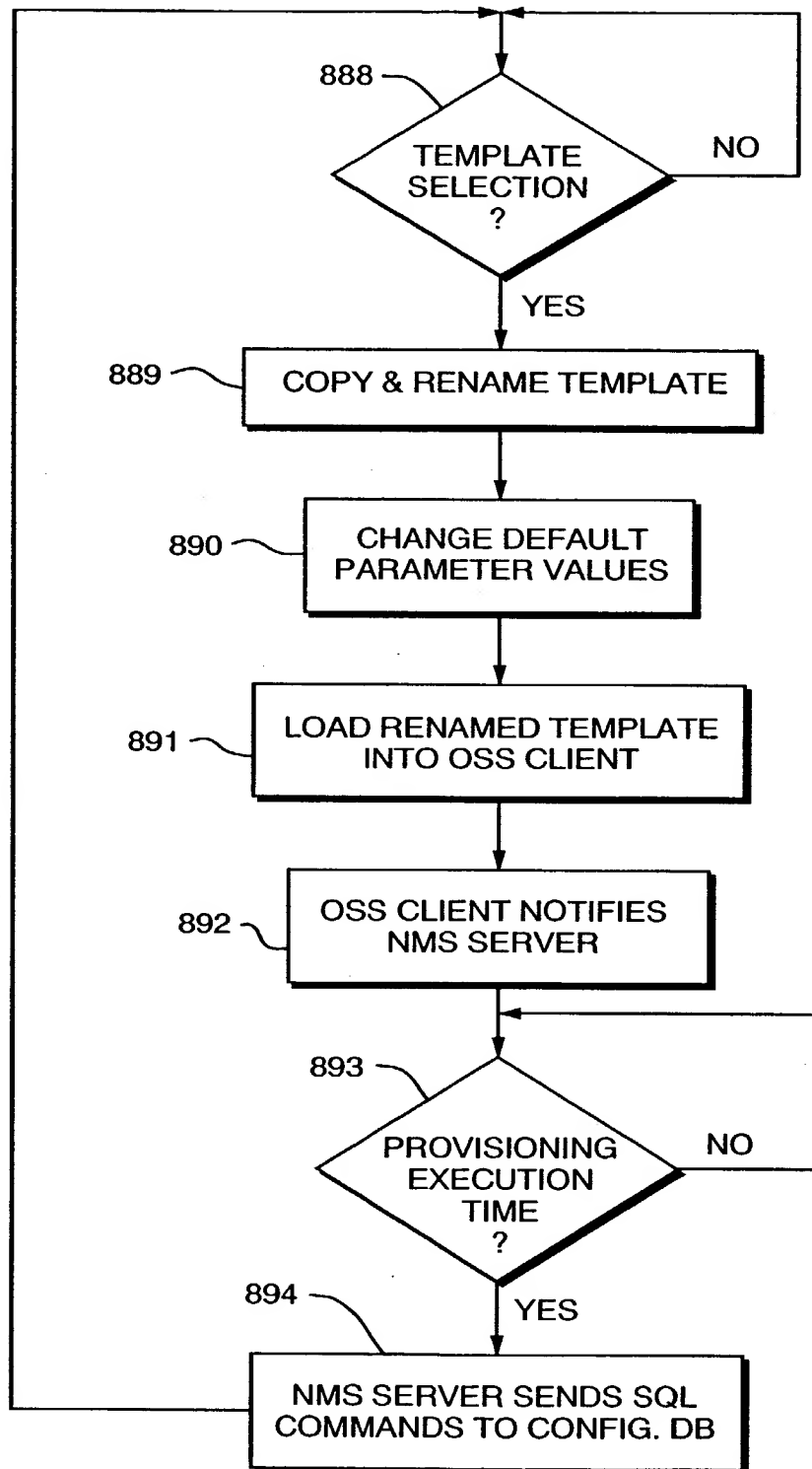


FIG. 31

21/289

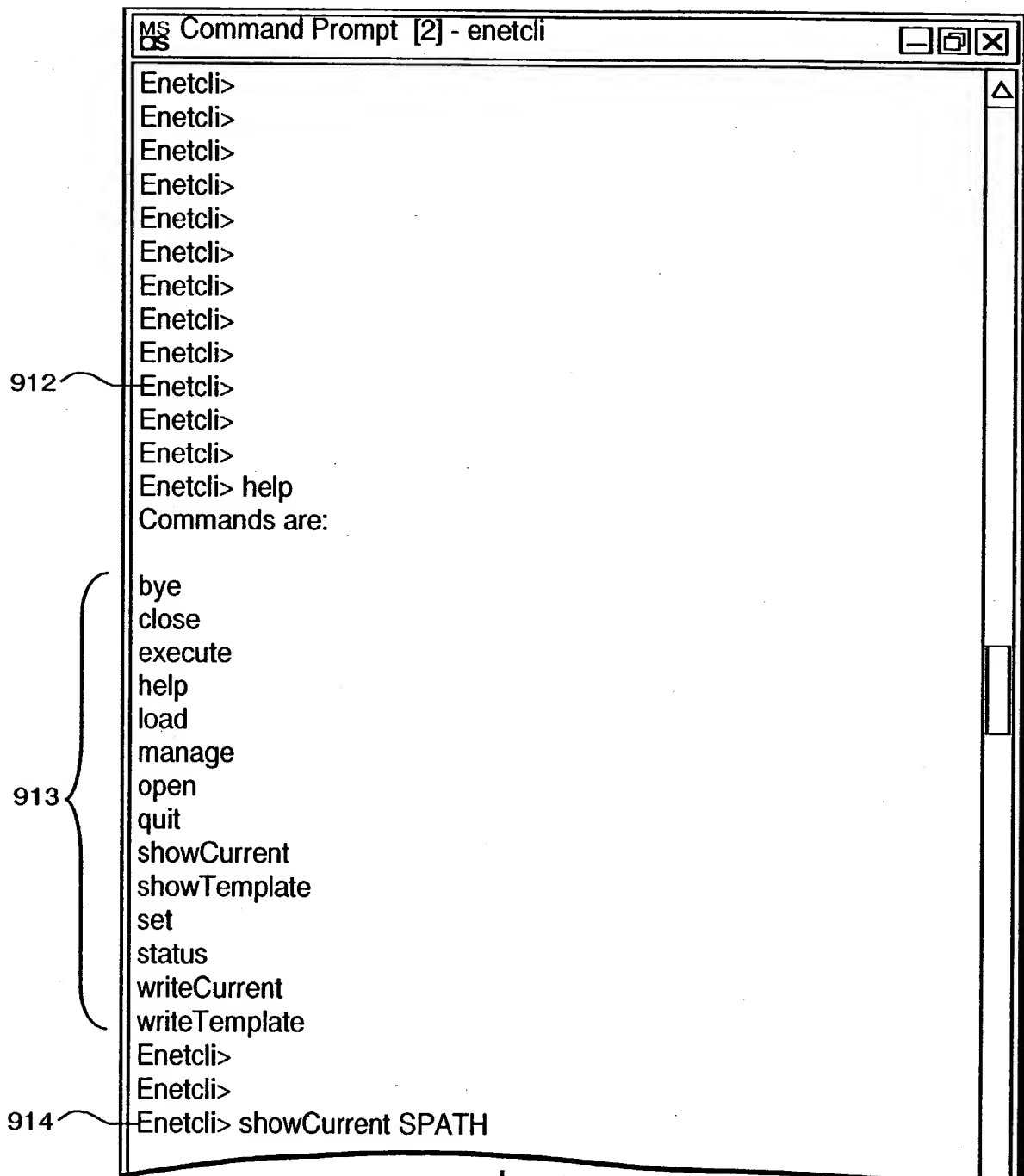


FIG. 3J

22/289

FROM FIG. 3J

```
ATMIfName=ATMIf11/1/1
Concatenated=false
Name=Path11/1/1
Operant=SPATH
Operator=Create
PortID=1
Position=1
Service=ATM
ShelfID=11
SlotID=1
Type=Terminated
Version=V1_1_0_0
Width=STS3
Enetcli>
Enetcli>
Enetcli>
916 Enetcli> showTemplate SPATH
ATMIfName=<String>[TerminatedOnly]
Concatenated=<true:false>
Name=<String>
Operant=SPATH
Operator=<Create:Replace:Update:Delete>
PortID=<Integer><1-16>
Position=<Integer>
917 Service=<None :ATM>
ShelfID=<11[top],13[bottom]>
SlotID=<Integer><1-8>
Type=<switched :Terminated>
Version=V1_1_0_0
Width=<STS1:STS3:STS12:STS48>
Enetcli>
Enetcli>
918 Enetcli> status
919 Not currently connected to server
920 Supporting templates: CONTROL, PVC, SPATH, SPVC,TD, and VAIF
Enetcli>
```

FIG. 3K

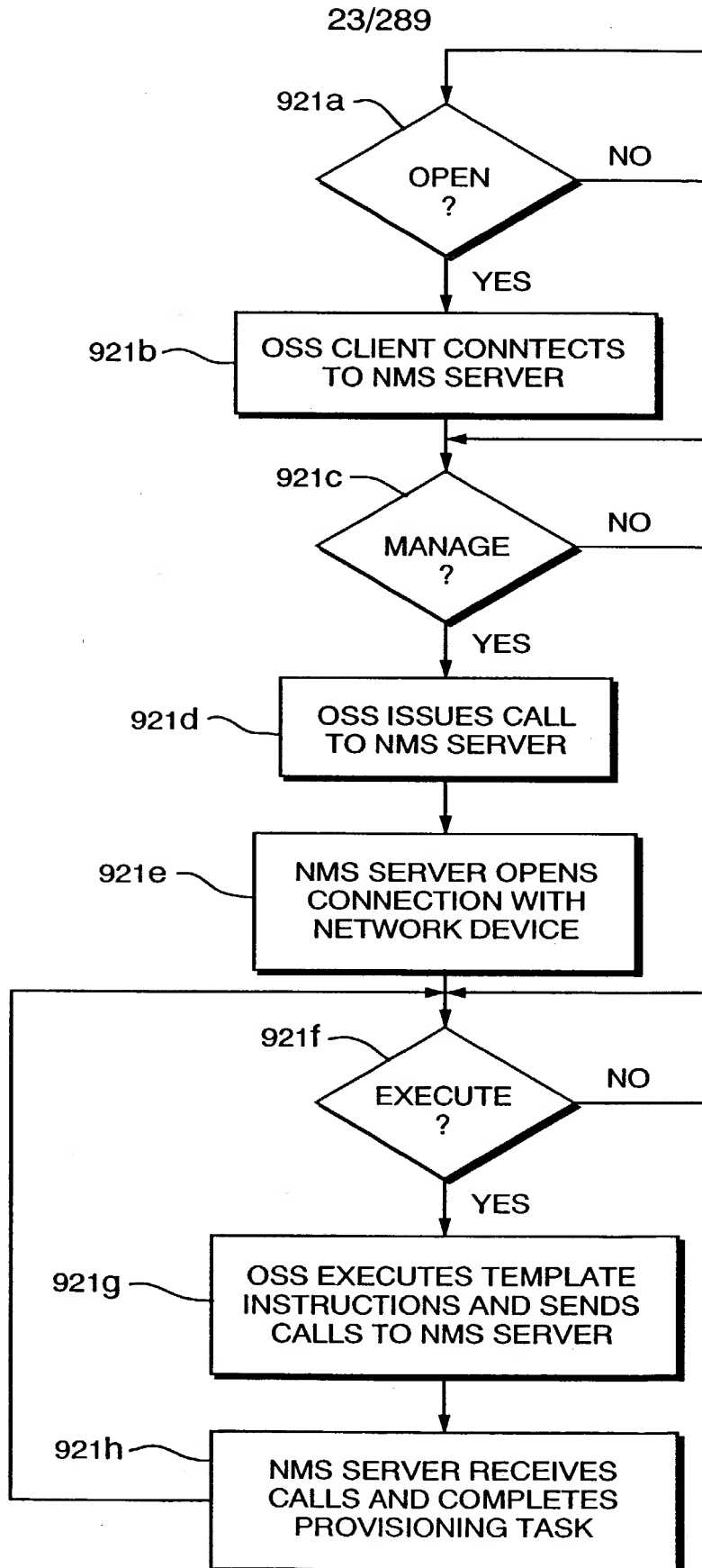


FIG. 3L

```
MS Command Prompt [2] - enetcli
Enetcli>
Enetcli>
Enetcli>
Enetcli>
Enetcli>
Enetcli>
Enetcli>
Enetcli>
Enetcli>
Enetcli>
Enetcli>
Enetcli>
922 Enetcli> showCurrent CONTROL
input=Q:\nms\com\equipecom\nms\utils\enetcli
Interactive=false
Operant=CONTROL
923d Operator=Manage
923f Output=Q:\nms\com\equipecom\nms\utils\enetcli
923c Password=None
923e System=192.168.9.202
923b User=None
923g Version=V1_1_0_0
923a Server=localhost
Enetcli>_
```

FIG. 3M

25/289

BATCH

924



Operant=BATCH

Operator=Execute

Version=V1_1_0_0

- 924a ~ TASK1=execute-SPATH
- 924b ~ TASK2=execute-PVC
- 924c ~ TASK3=execute-SPVC
- 924d ~ TASK4=load-SPVC-spvc1
- 924e ~ TASK5=execute-SPVC
- 924f ~ TASK6=load-SPVC-spvc2
- 924e ~ TASK7=execute-SPVC
- .
- .
- 924g ~ TASK50=set-SPATH-PortID-3
- 924h ~ TASK51=execute-SPATH
- 924i ~ TASK52=set-SPATH-SlotID-2
- 924j ~ TASK53=execute-SPATH

FIG. 3N

26/289

925

Operant=BATCH
Operator=Execute
Version=V1_1_0_0

925a ~ TASK1=execute-CONTROL
925b ~ TASK2=execute-SPATH
925c ~ TASK3=set-SPATH-PortID-3
925d ~ TASK4=execute-SPATH
.
.
.
925e ~ TASK61=set-CONTROL-System-192.168.9.201
925f ~ TASK62=execute-CONTROL
925g ~ TASK63=execute-SPATH
.
.
.
925h ~ TASK108=close
925i ~ TASK109=set-CONTROL-Server-Server1
925j ~ TASK110=set-CONTROL-System-192.168.8.200
925k ~ TASK111=execute-CONTROL
925l ~ TASK112=execute-SPATH
.
.
.

FIG. 30

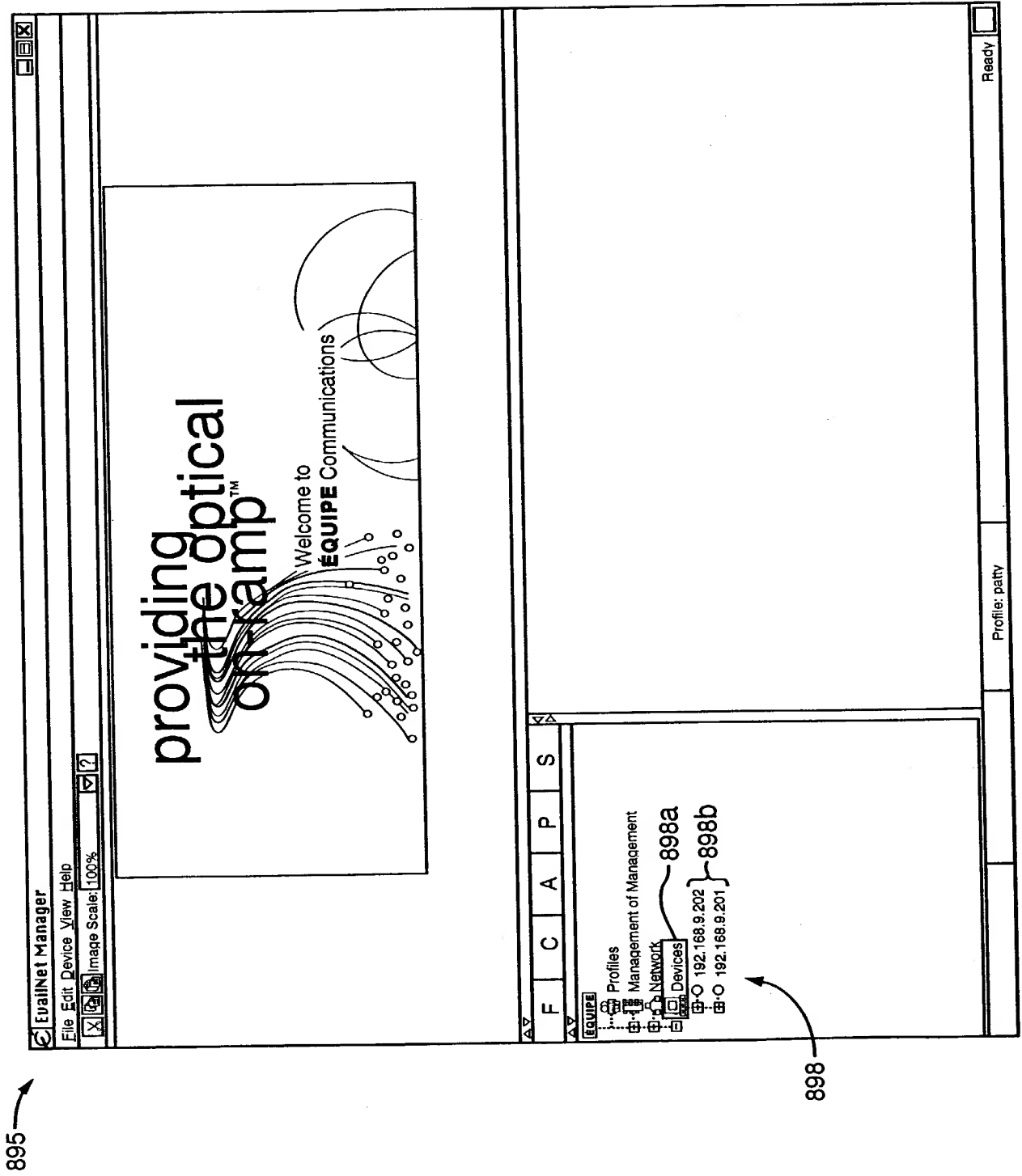


FIG. 4A

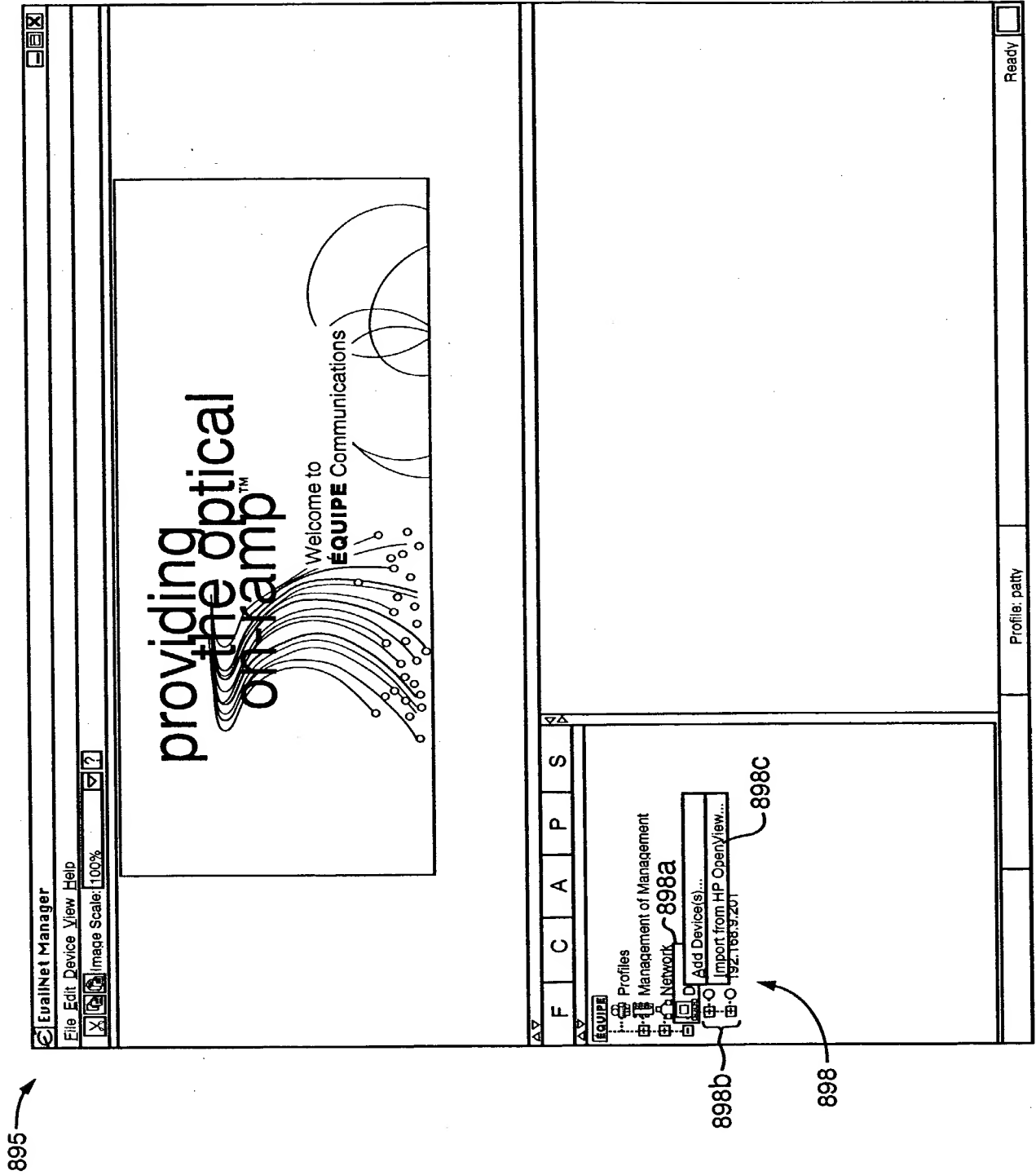


FIG. 4B

29/289

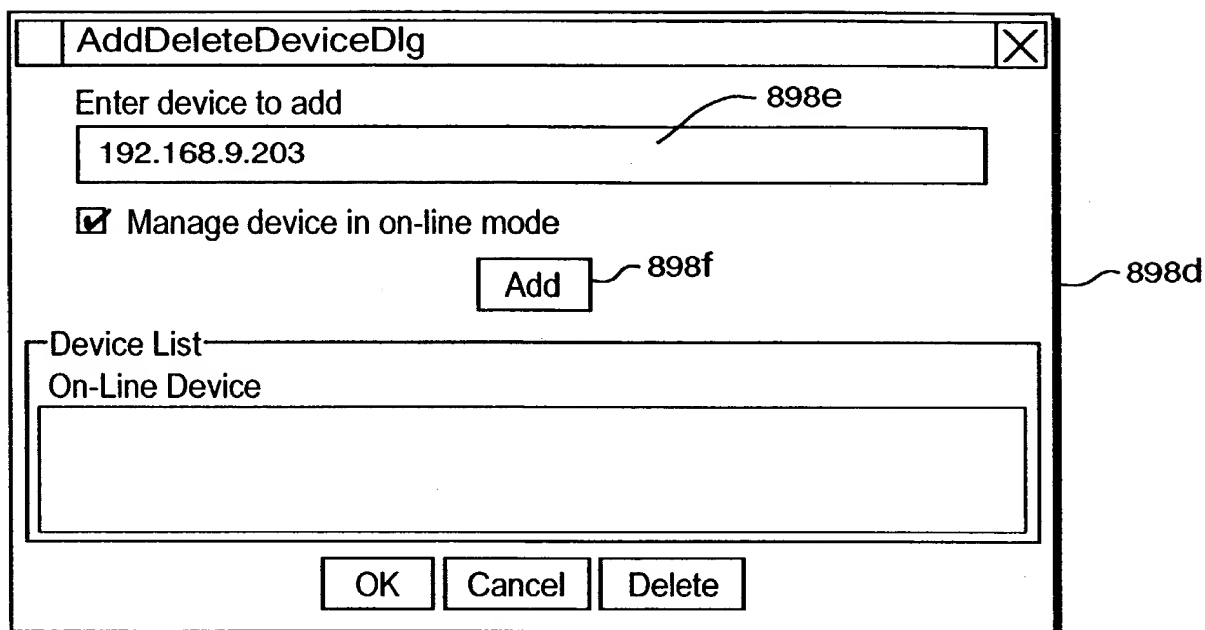


FIG. 4C is a screenshot of a dialog box titled "AddDeleteDeviceDlg". The dialog box contains the following elements:

- A text input field labeled "Enter device to add" (898e) containing the IP address "192.168.9.203".
- A checked checkbox labeled "Manage device in on-line mode".
- An "Add" button (898f).
- A "Device List" section containing a list box labeled "On-Line Device" which is currently empty.
- Three buttons at the bottom: "OK", "Cancel", and "Delete".

The dialog box is identified by the label 898d.

FIG. 4C

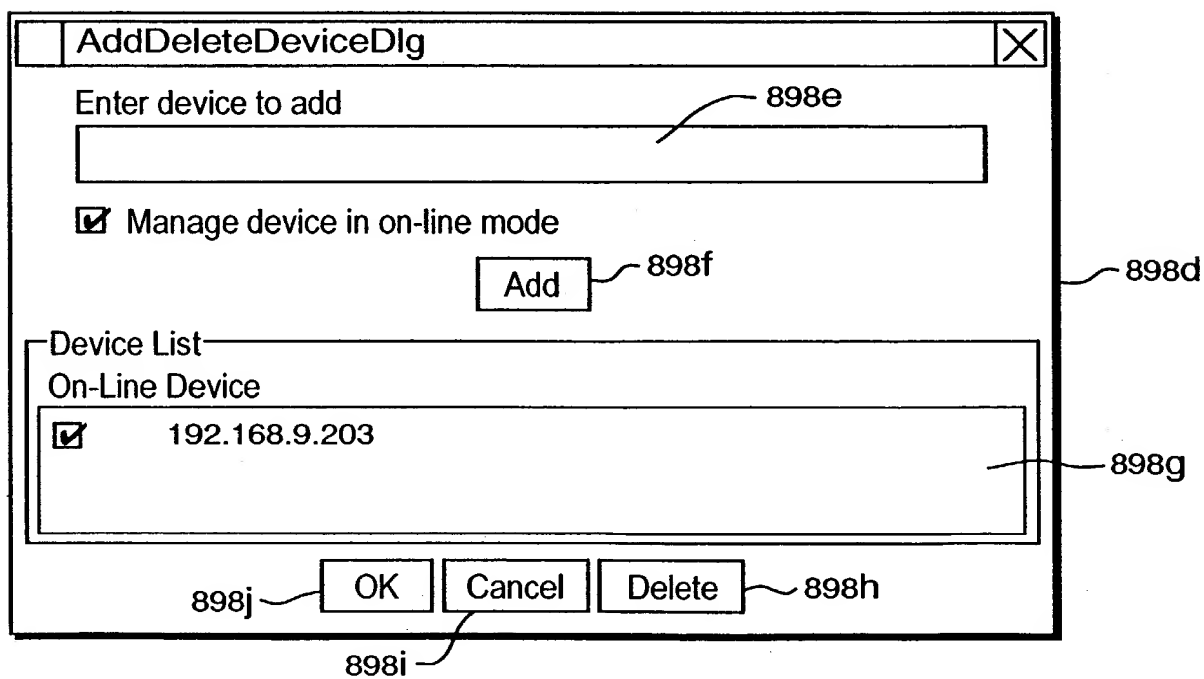


FIG. 4D is a screenshot of the same dialog box "AddDeleteDeviceDlg" as in FIG. 4C, but with the following differences:

- The "Enter device to add" field (898e) is now empty.
- The "On-Line Device" list box (898g) now contains one entry: "192.168.9.203" with a checked checkbox next to it.
- The "OK" button is labeled 898j.
- The "Cancel" button is labeled 898i.
- The "Delete" button is labeled 898h.

The dialog box is identified by the label 898d.

FIG. 4D

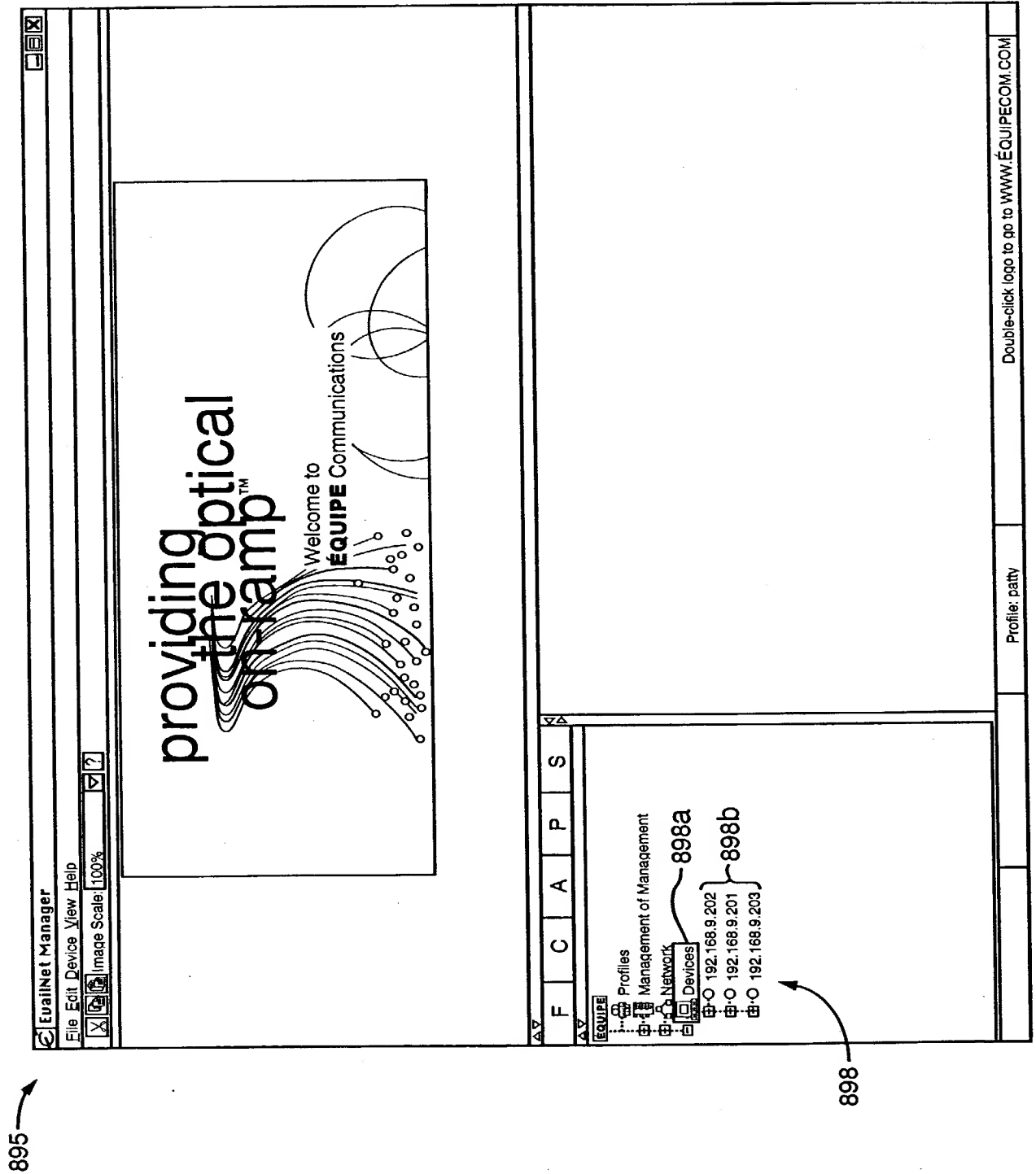


FIG. 4E

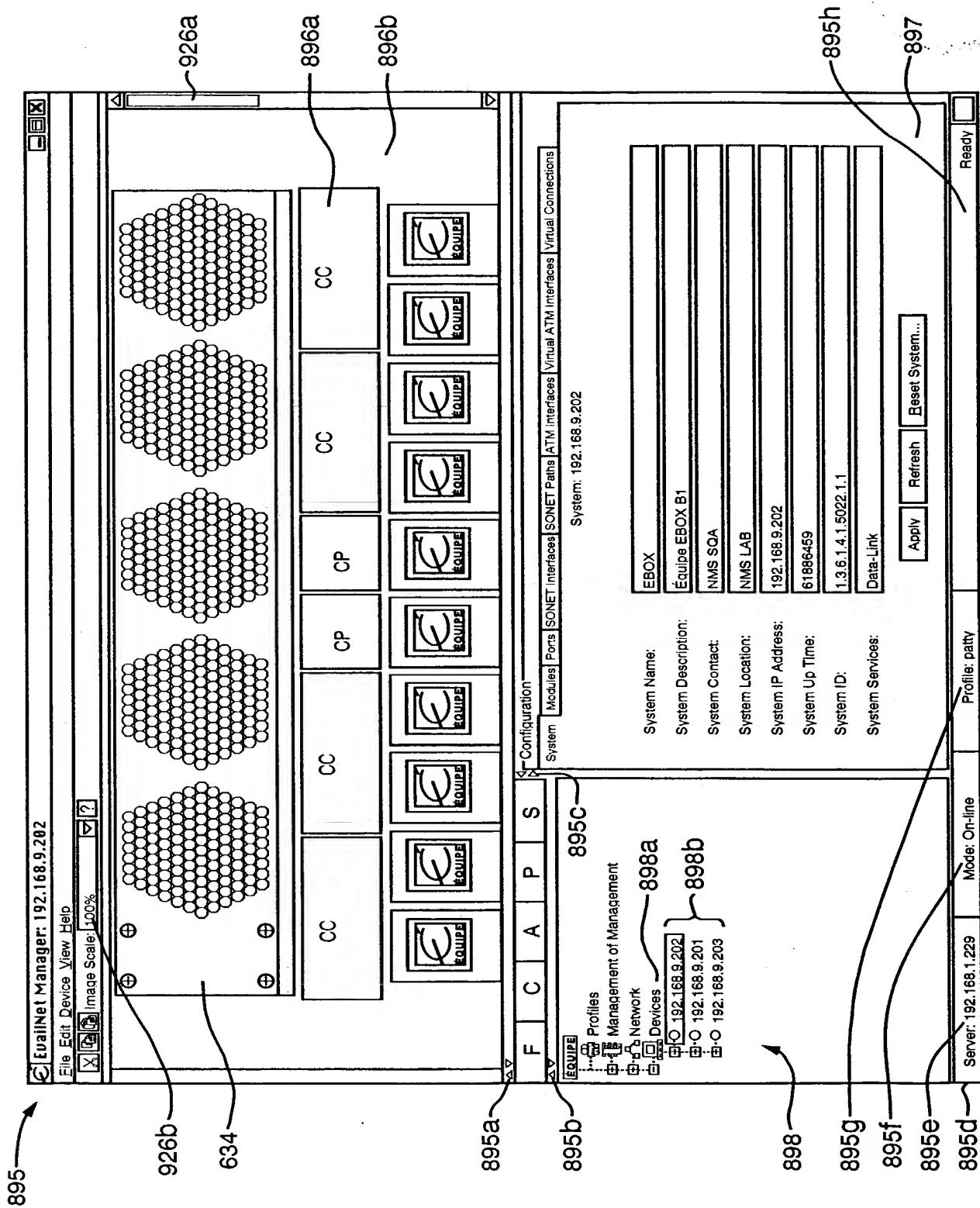


FIG. 4F

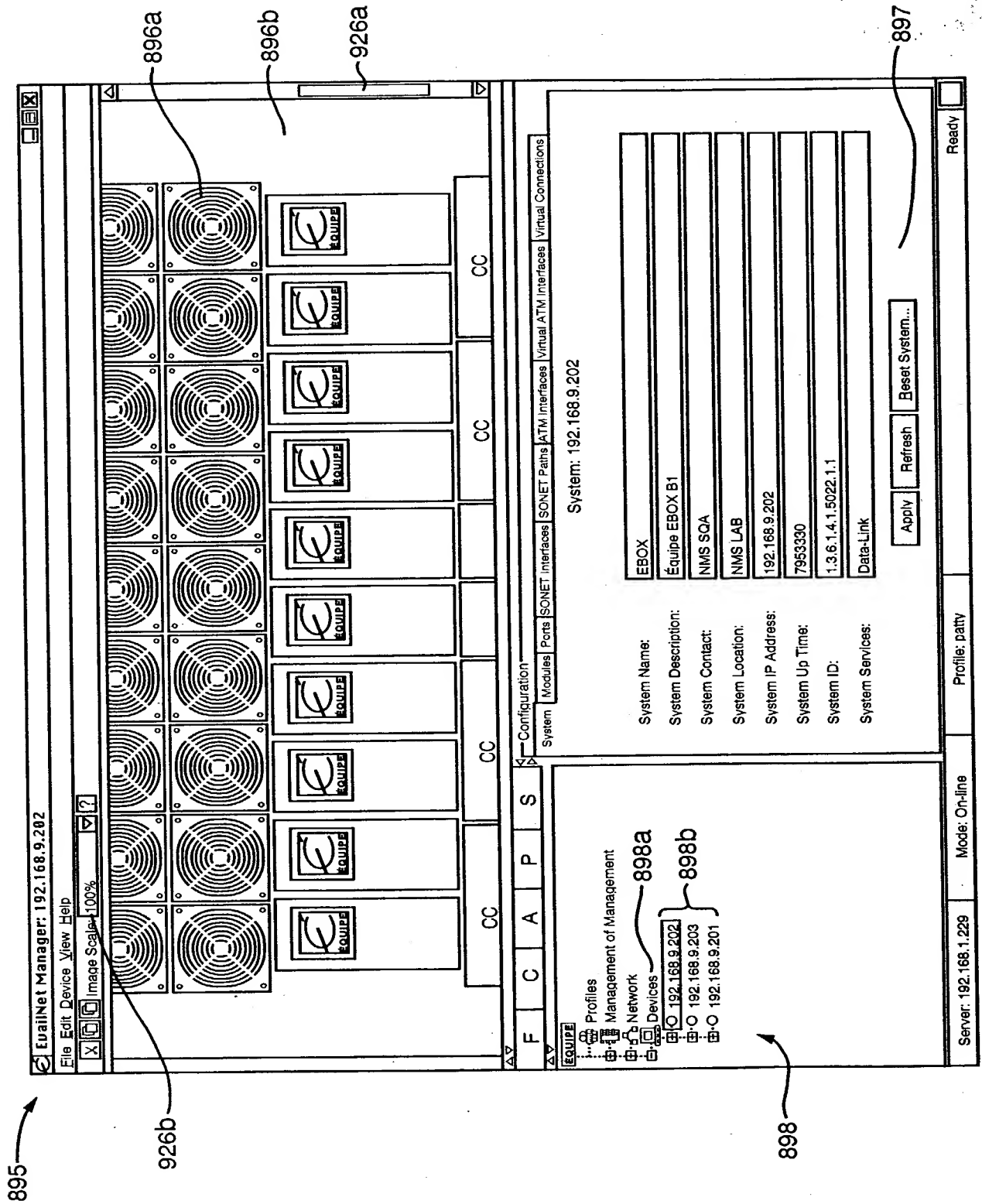


FIG. 4G

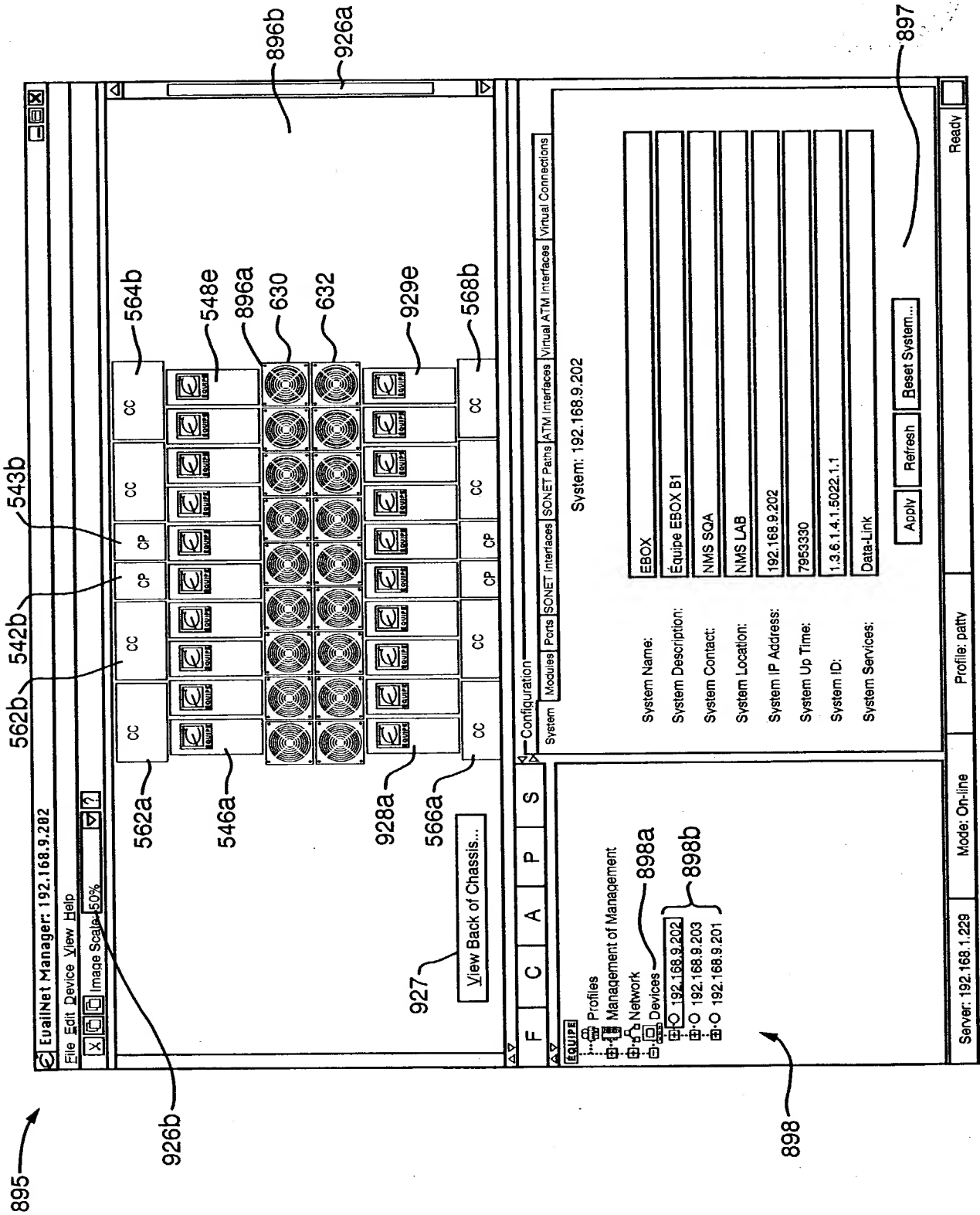


FIG. 4H

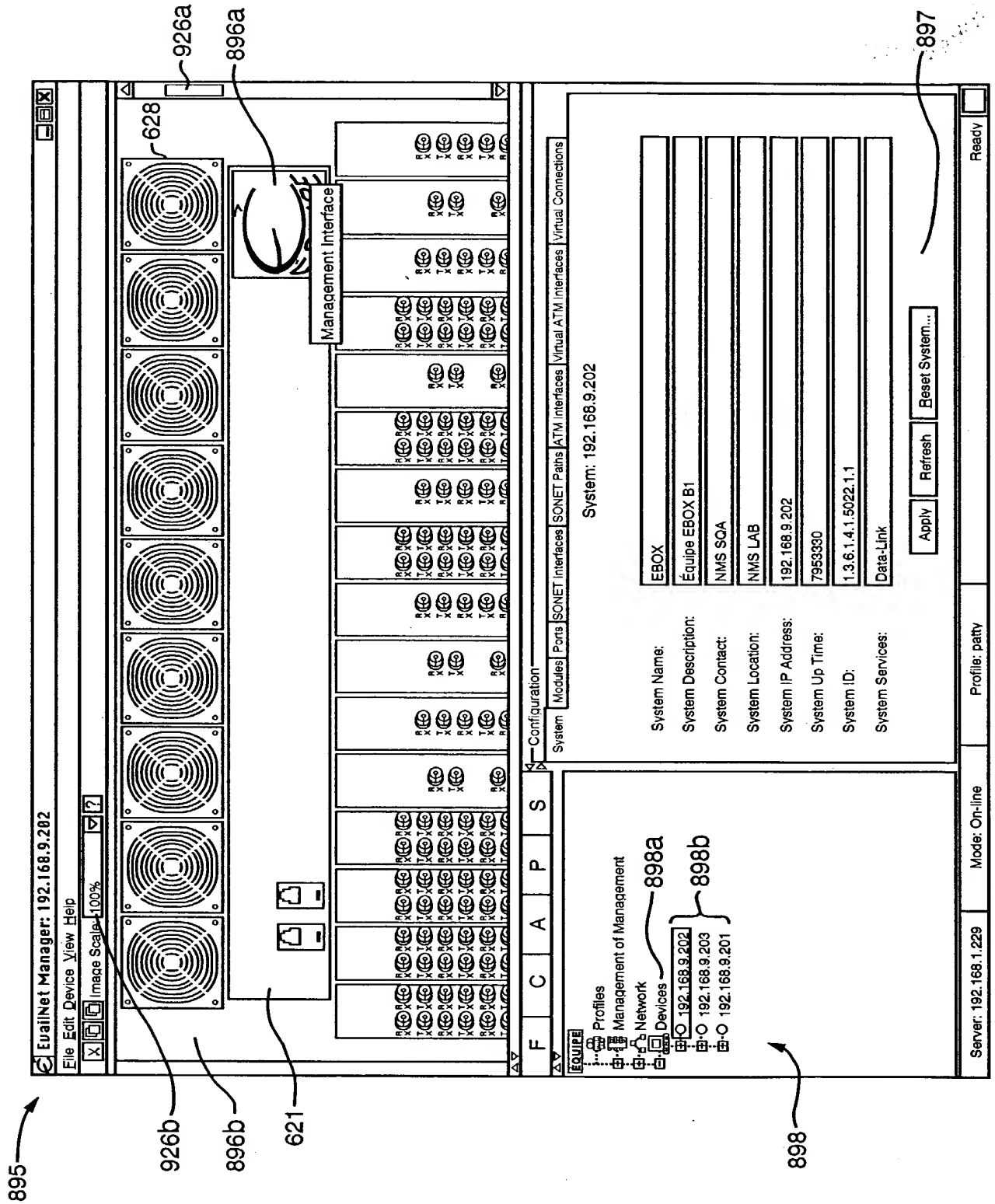


FIG. 4I

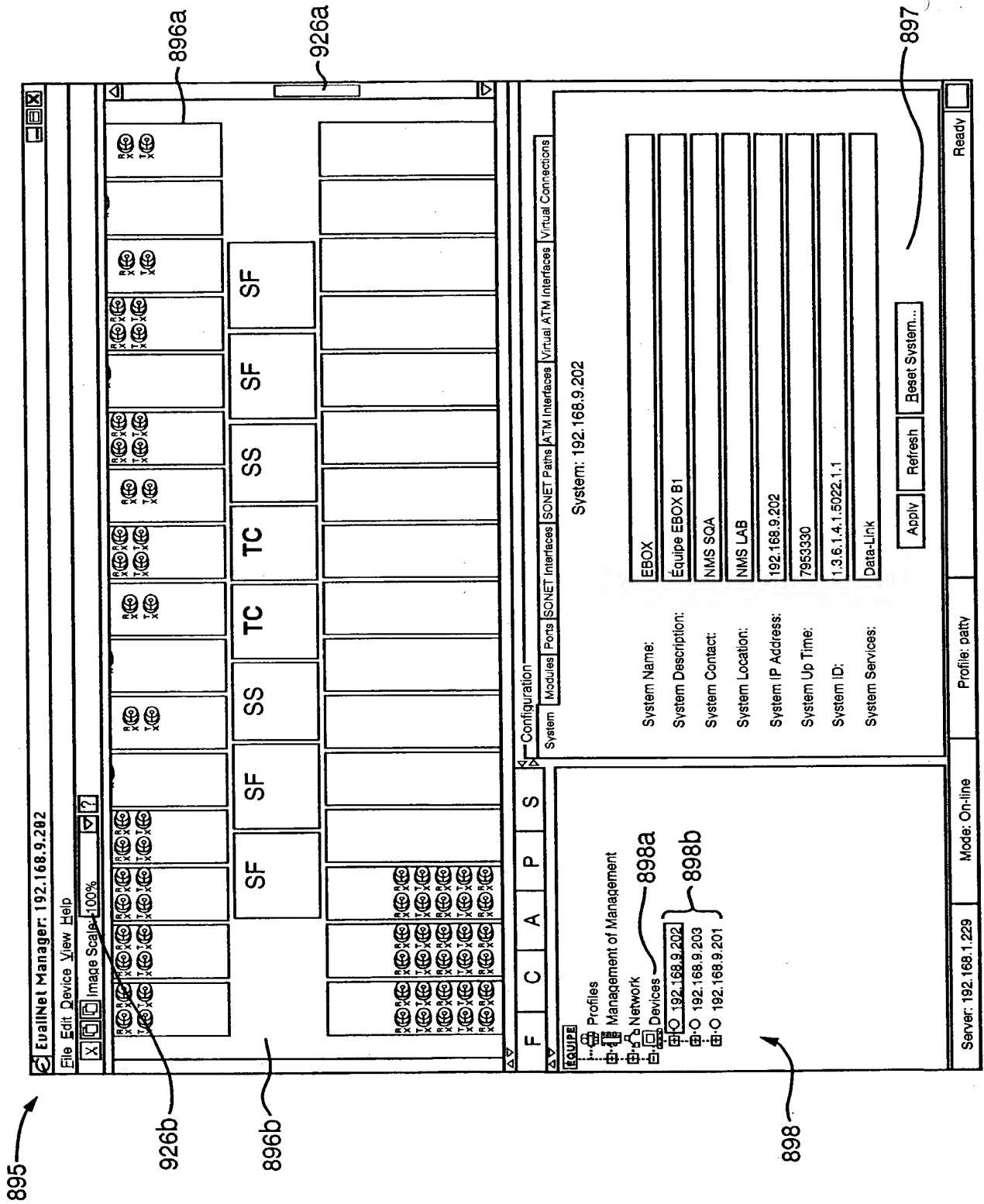


FIG. 4J

36/289

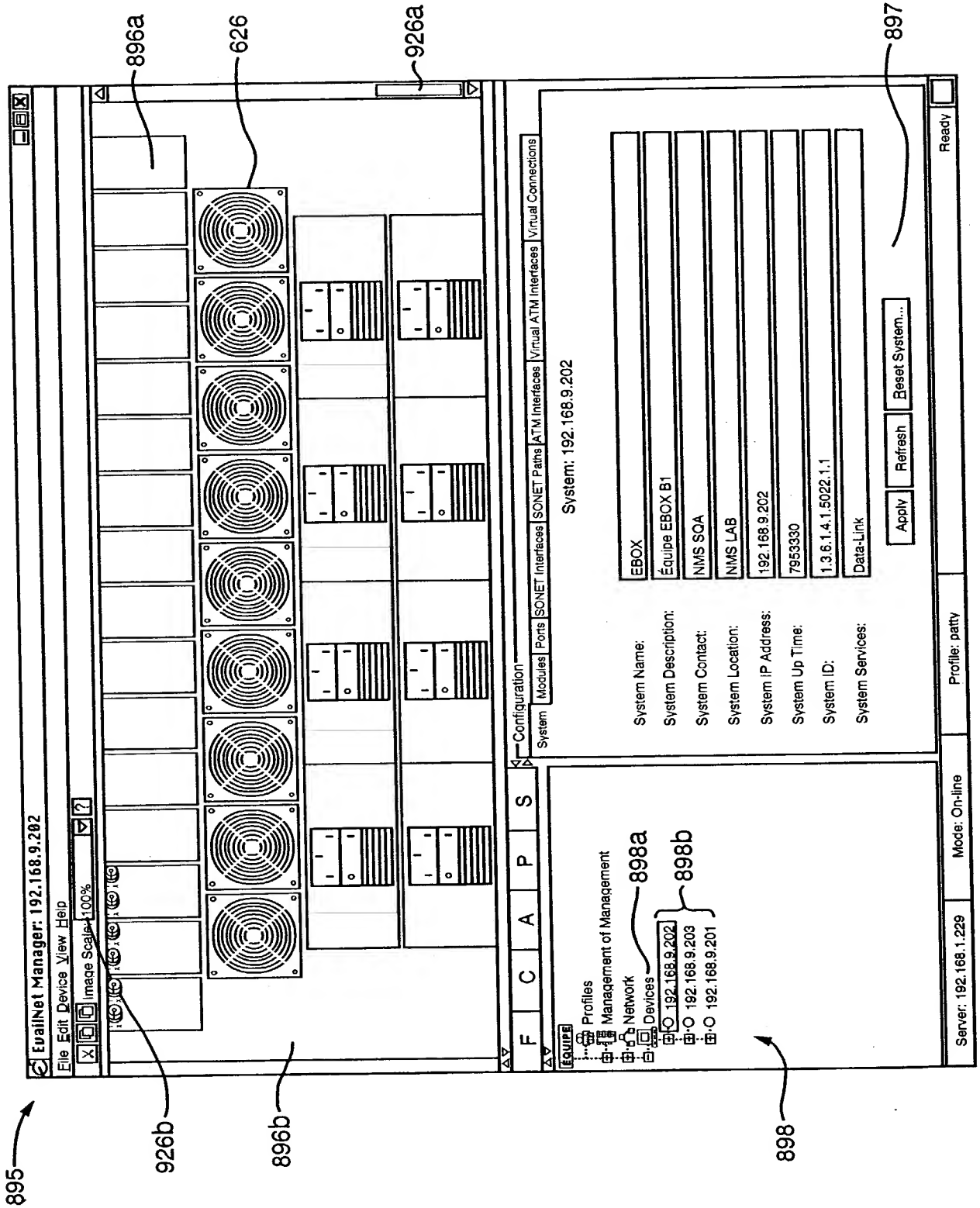


FIG. 4K

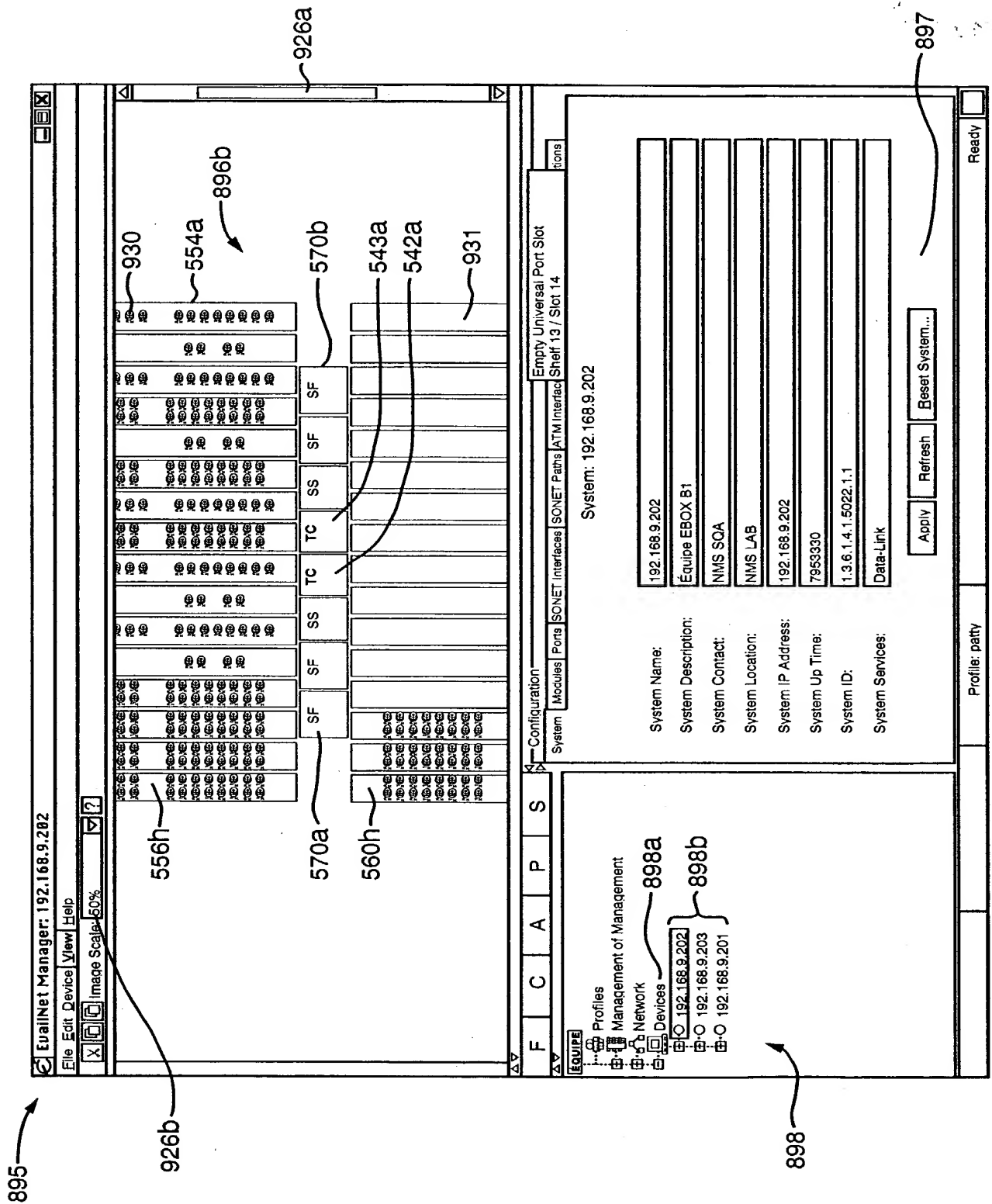


FIG. 4L

EvalNet Manager: 192.168.9.202

File Edit Device View Help

Preferences
Refresh
Modules Toolbox
System View

954

System Configuration

System Modules Ports SONET Interfaces SNET Paths ATM Interfaces Virtual ATM Interfaces Virtual Connections

System: 192.168.9.202

System Name: 192.168.9.202

System Description: Équipe EBOX B1

System Contact: NMS SQA

System Location: NMS LAB

System IP Address: 192.168.9.202

System Up Time: 70507655

System ID: 1.3.6.1.4.1.5022.1.1

System Services: Data-Link

Apply Refresh Reset System...

Profile: patty

Ready

FIG. 4M

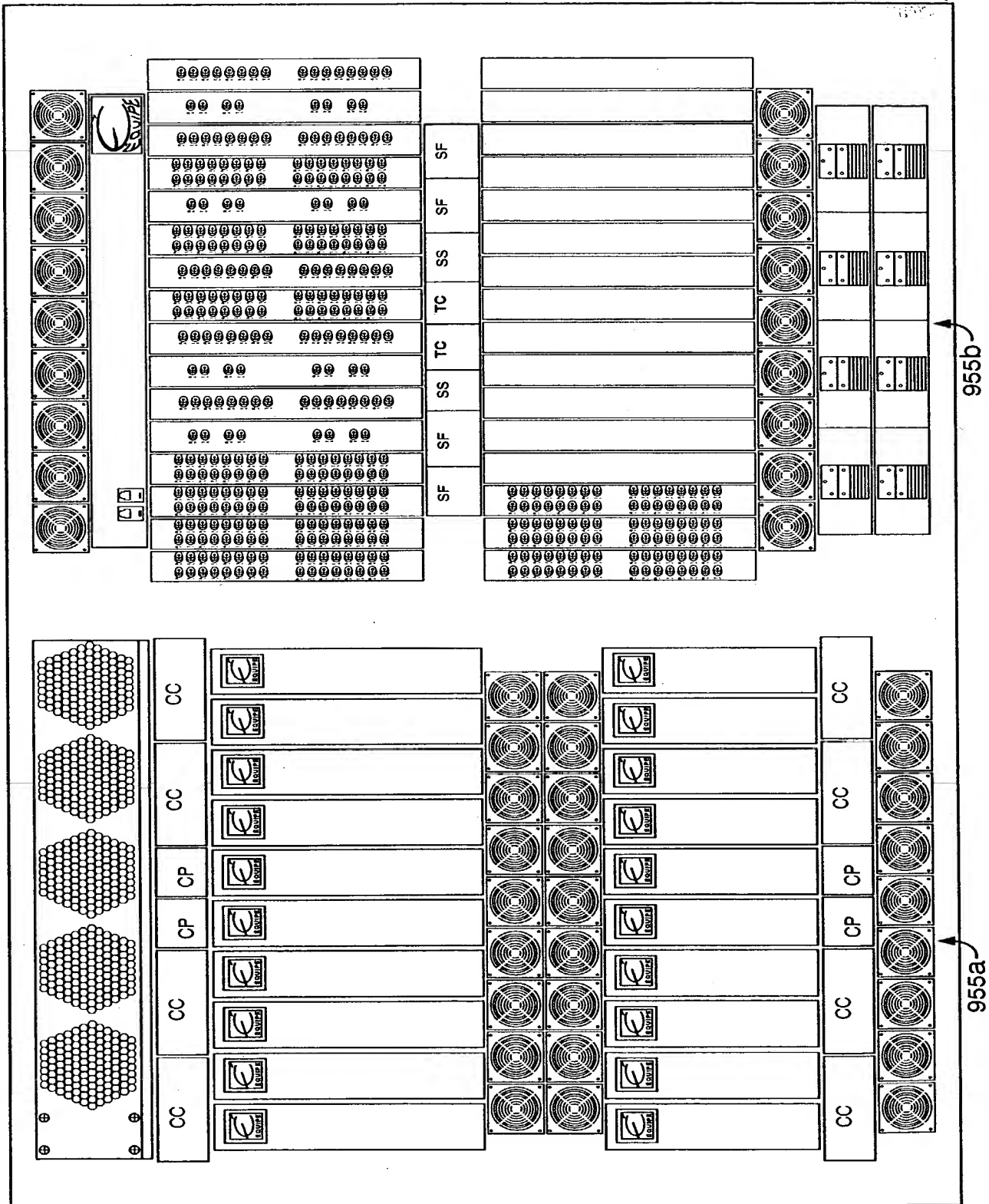


FIG. 4N

40/289

895

556f

897

EvalNet Manager: 192.168.9.202

File Edit Device View Help

Image Scale: 100%

16 Port OC3 Universal Port Module 932A

Shelf 11/Slot 3

System: 192.168.9.202

Configuration

System Modules Ports SONET Interfaces ATM Interfaces Virtual ATM Interfaces Virtual Connections

System Name: EBOX

System Description: Équipe EBOX B1

System Contact: NMS SOA

System Location: NMS LAB

System IP Address: 192.168.9.202

System Up Time: 7953330

System ID: 1.3.6.1.4.1.5022.1.1

System Services: Data-Link

Apply Refresh Reset System...

Server: 192.168.1.229 Mode: On-line Profile: patty Ready

Profiles Management of Management Network Devices

192.168.9.202

192.168.9.203

192.168.9.201

FIG. 40

895

556e

EvalNet Manager: 192.168.9.282
File Edit Device View Help
Image Scale: 100%

16 Port OC12 Universal Port Module 932b
Shelf 11/Slot 4

System: 192.168.9.202

Configuration
System Modules Ports SONET Interfaces S S
Virtual ATM Interfaces Virtual Connections

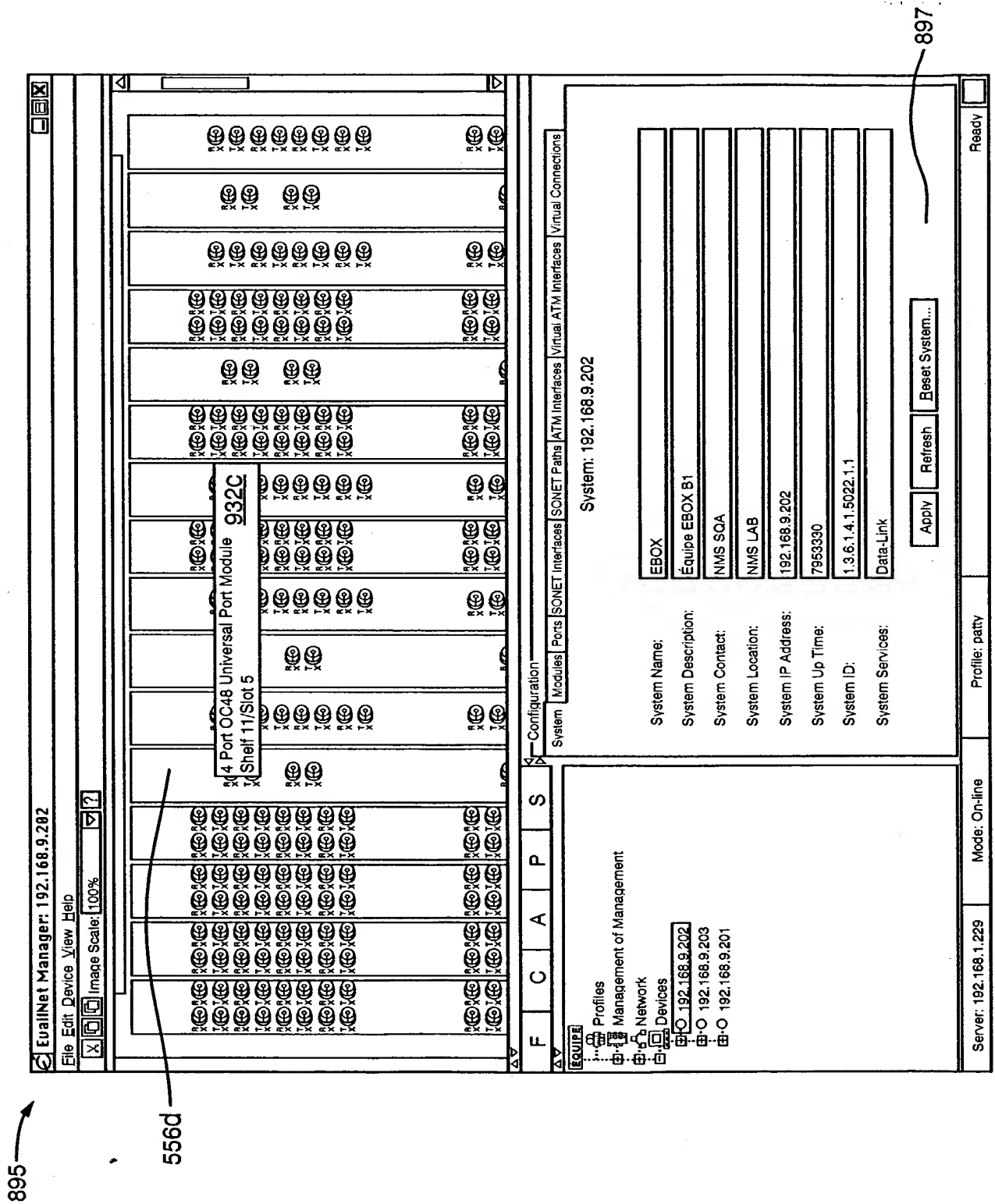
System Name: EBOX
System Description: Équipe EBOX B1
System Contact: NMS SOA
System Location: NMS LAB
System IP Address: 192.168.9.202
System Up Time: 7953330
System ID: 1.3.6.1.4.1.5022.1.1
System Services: Data-Link

Apply Refresh Reset System...

Server: 192.168.1.229 Mode: On-line Profile: patty Ready

897

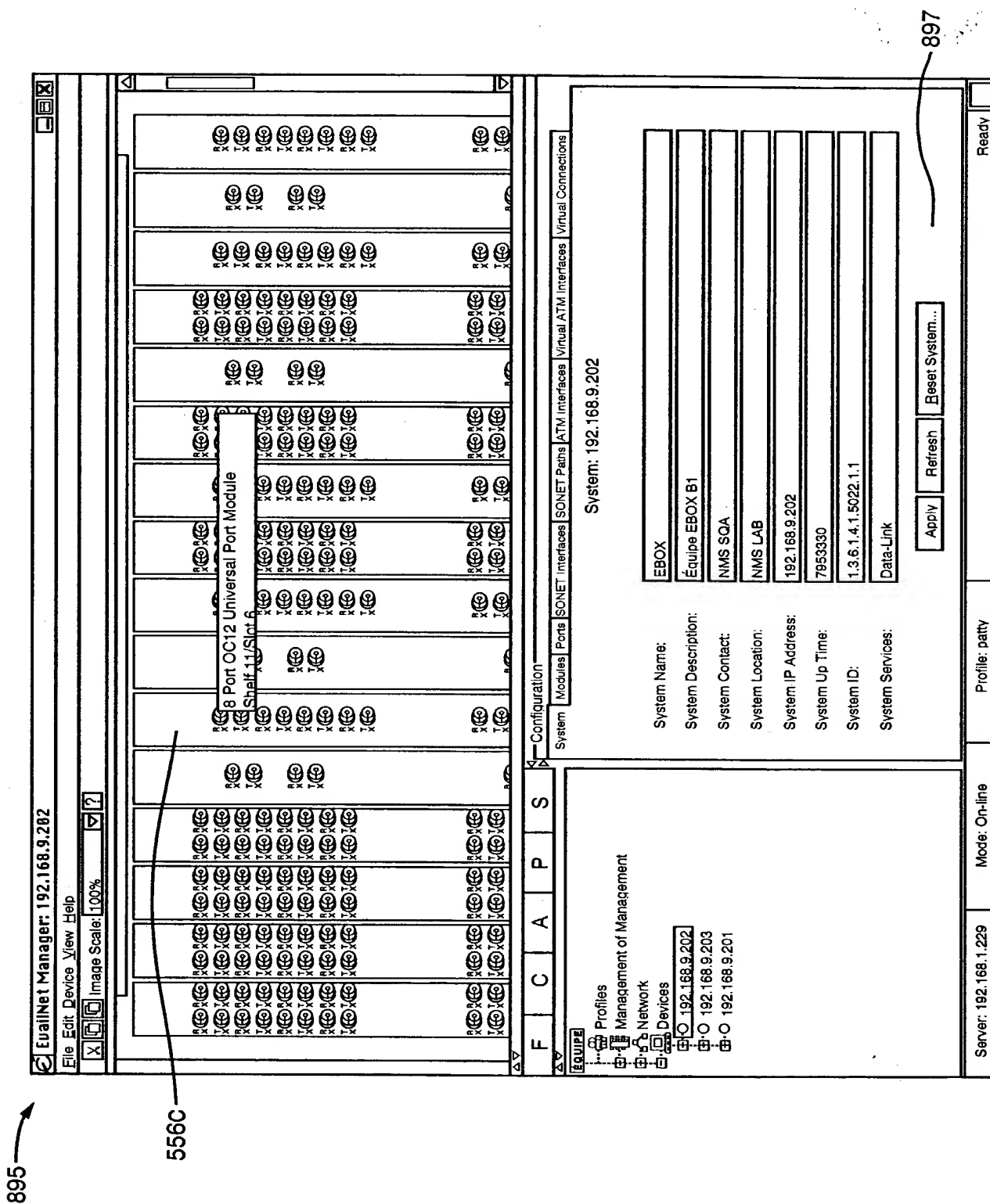
FIG. 4P



556d

768

FIG. 4Q



5560

897

FIG. 4R

895

933

897

EvailNet Manager: 192.168.9.202

File Edit Device View Help

Image Scale: 100%

OC-12

Shelf 11/Slot 4/Port 1

932e

933

934a

934b

934c

934d

934e

934f

934g

934h

Configuration

System: Modules Ports SONET Interfaces SONET Paths ATM Interfaces Virtual ATM Interfaces Virtual Connections

934

System: 192.168.9.202

System Name: EBOX

System Description: Équipe EBOX B1

System Contact: NMS SOA

System Location: NMS LAB

System IP Address: 192.168.9.202

System Up Time: 7953330

System ID: 1.3.6.1.4.1.5022.1.1

System Services: Data-Link

935c

935a

935b

Apply Refresh Reset System...

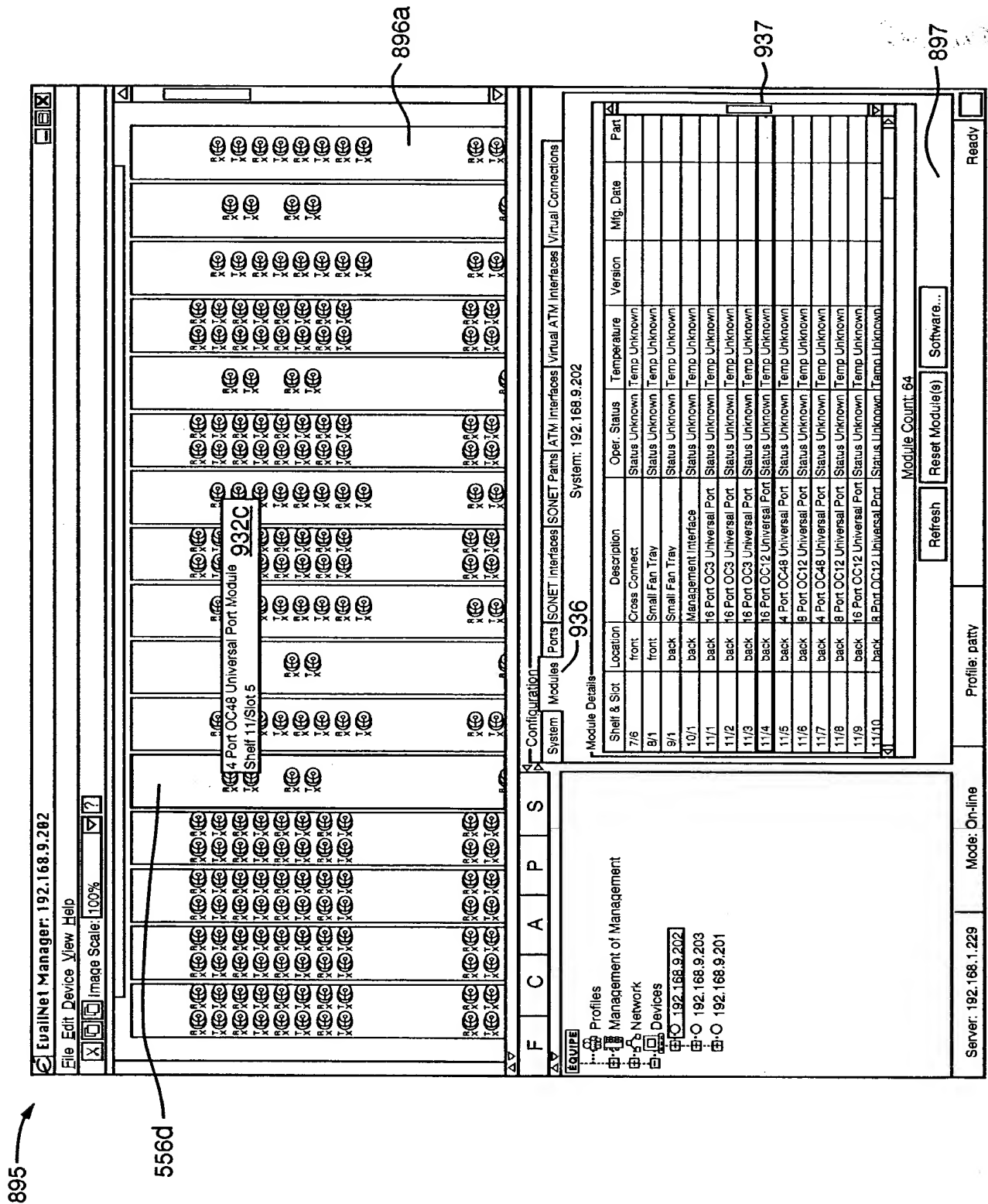
Server: 192.168.1.229

Mode: On-line

Profile: patty

Ready

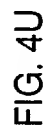
FIG. 4S



896a

937

768



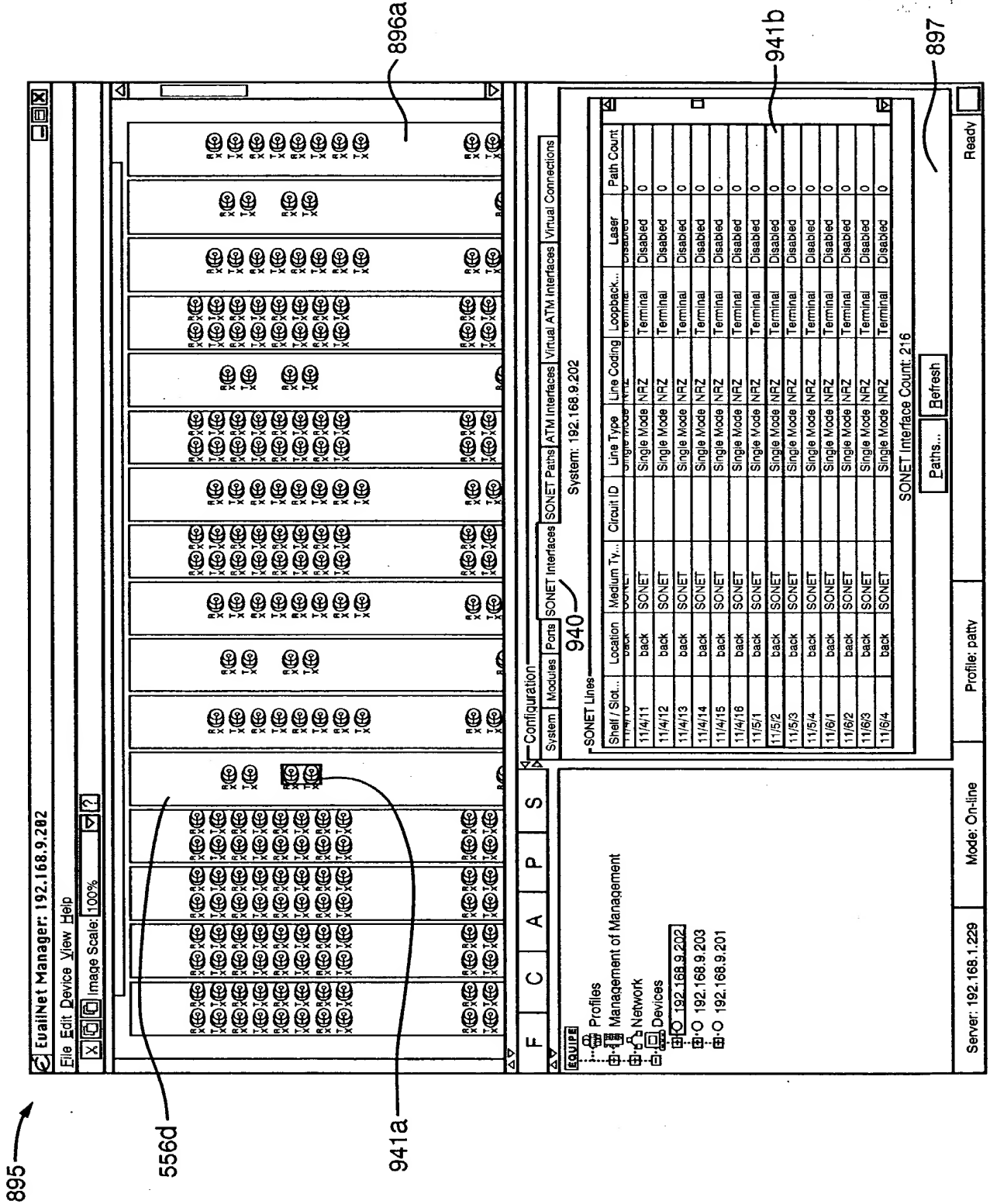


FIG. 4V

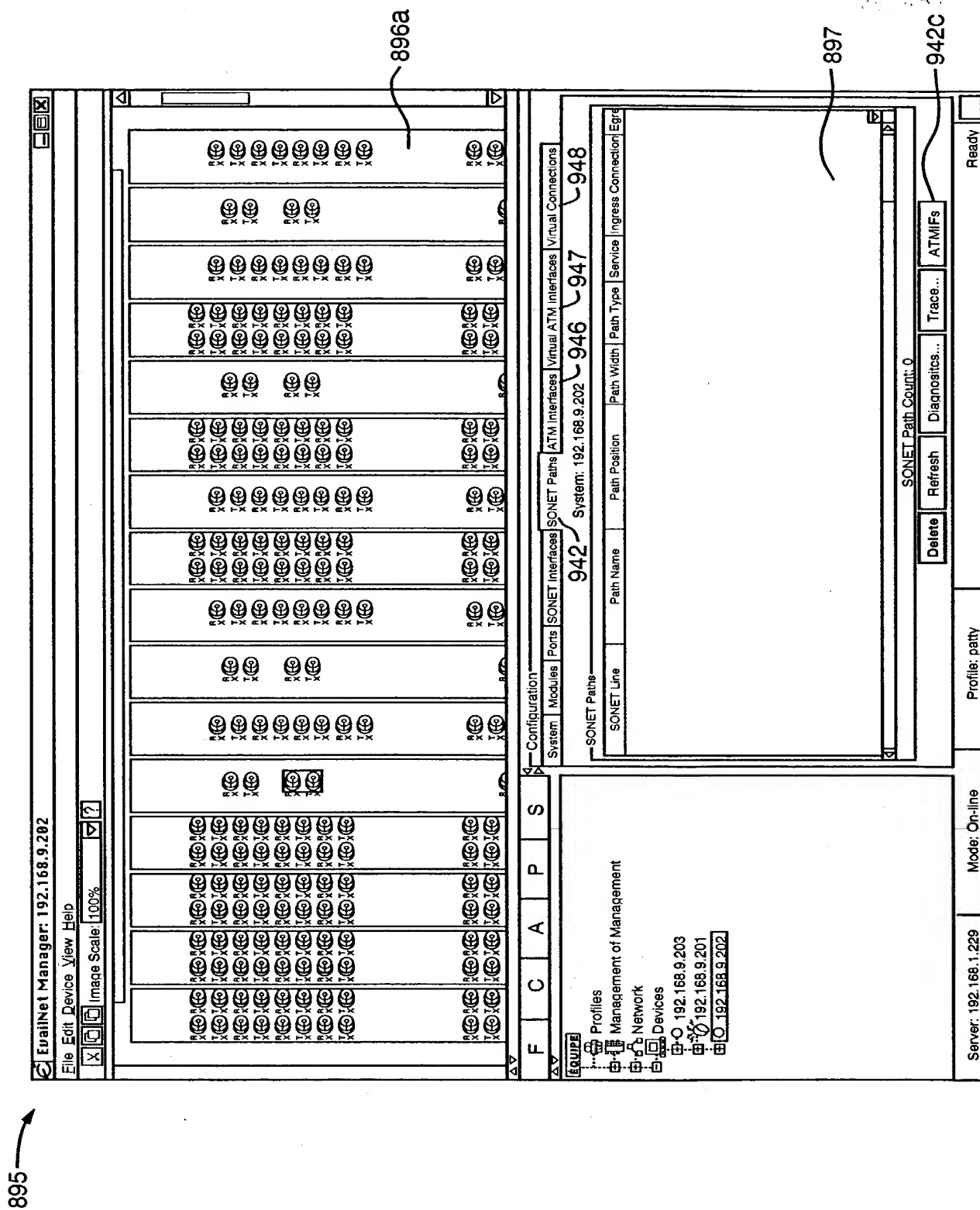


FIG. 4W

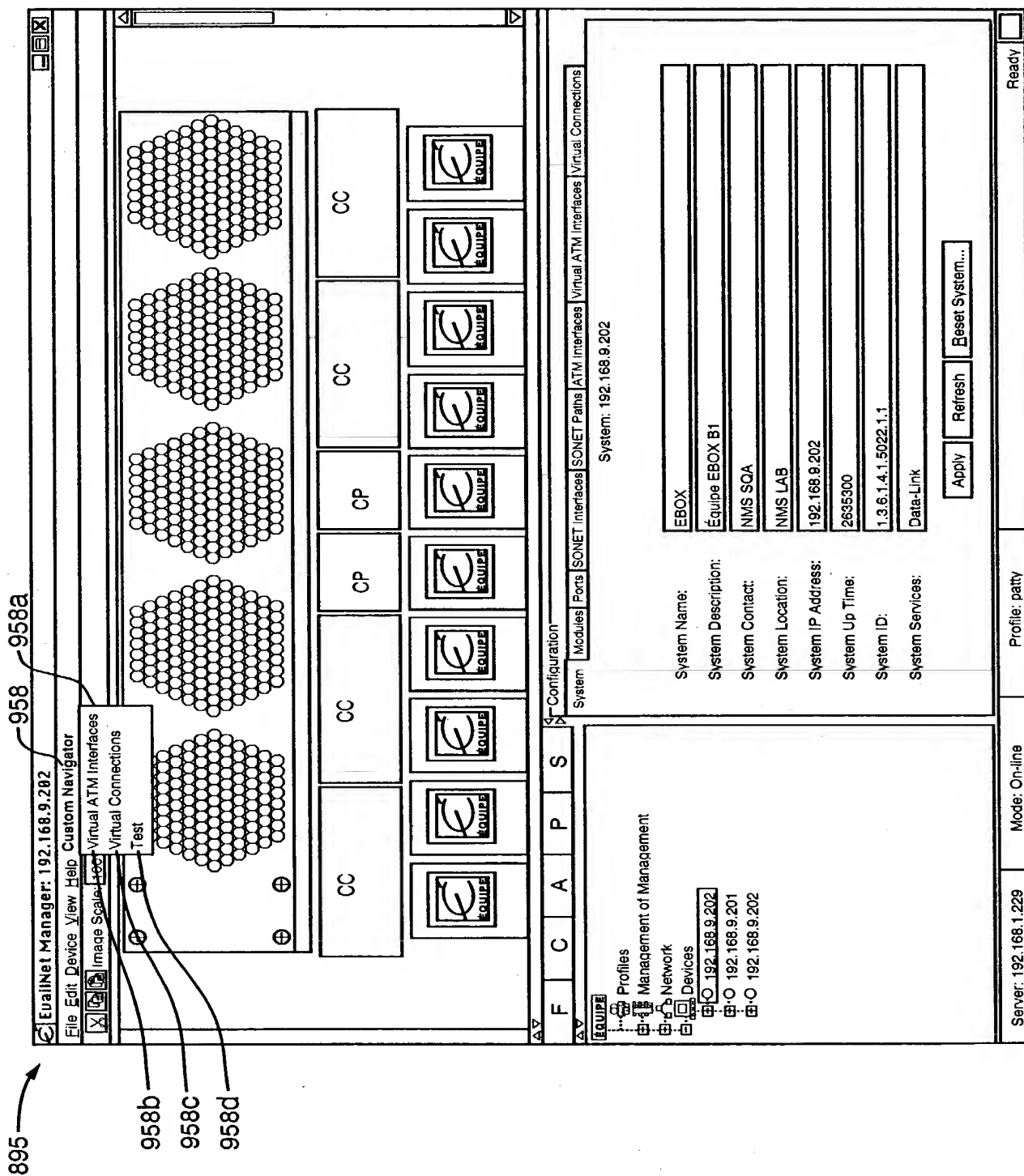


FIG. 4X

50/289

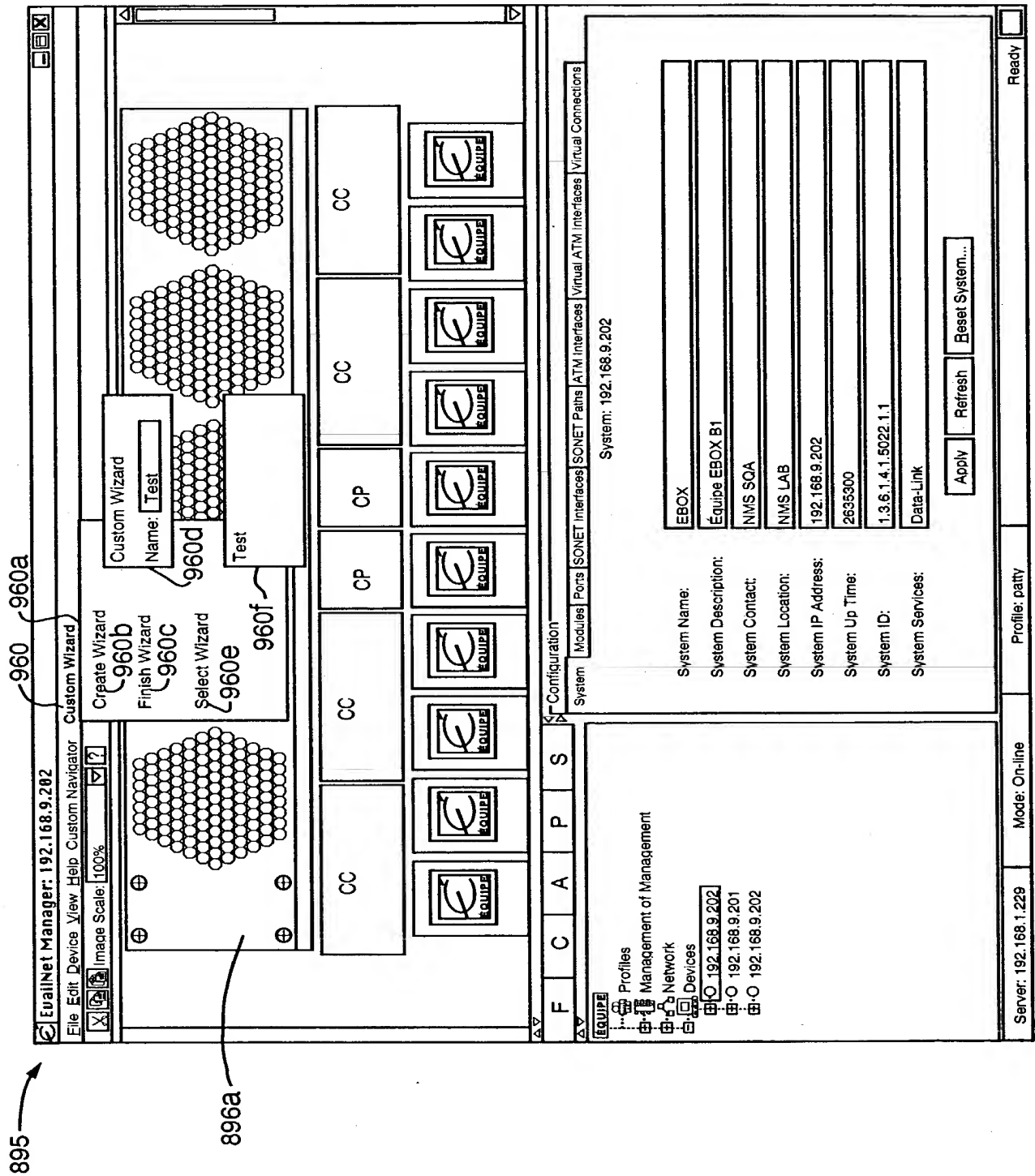


FIG. 4Y

961

EvaiNet Manager: SONET Path Configuration 11/5/1

System: 192.168.9.202

SONET Line

961a

Slot Port Type

SONET Path Wizard

☐ Configure a single concatenated path (STS-48c)

☐ Configure

4

STS-12c paths

☐ Custom Configuration

Next

Cancel

961b

FIG. 4Z

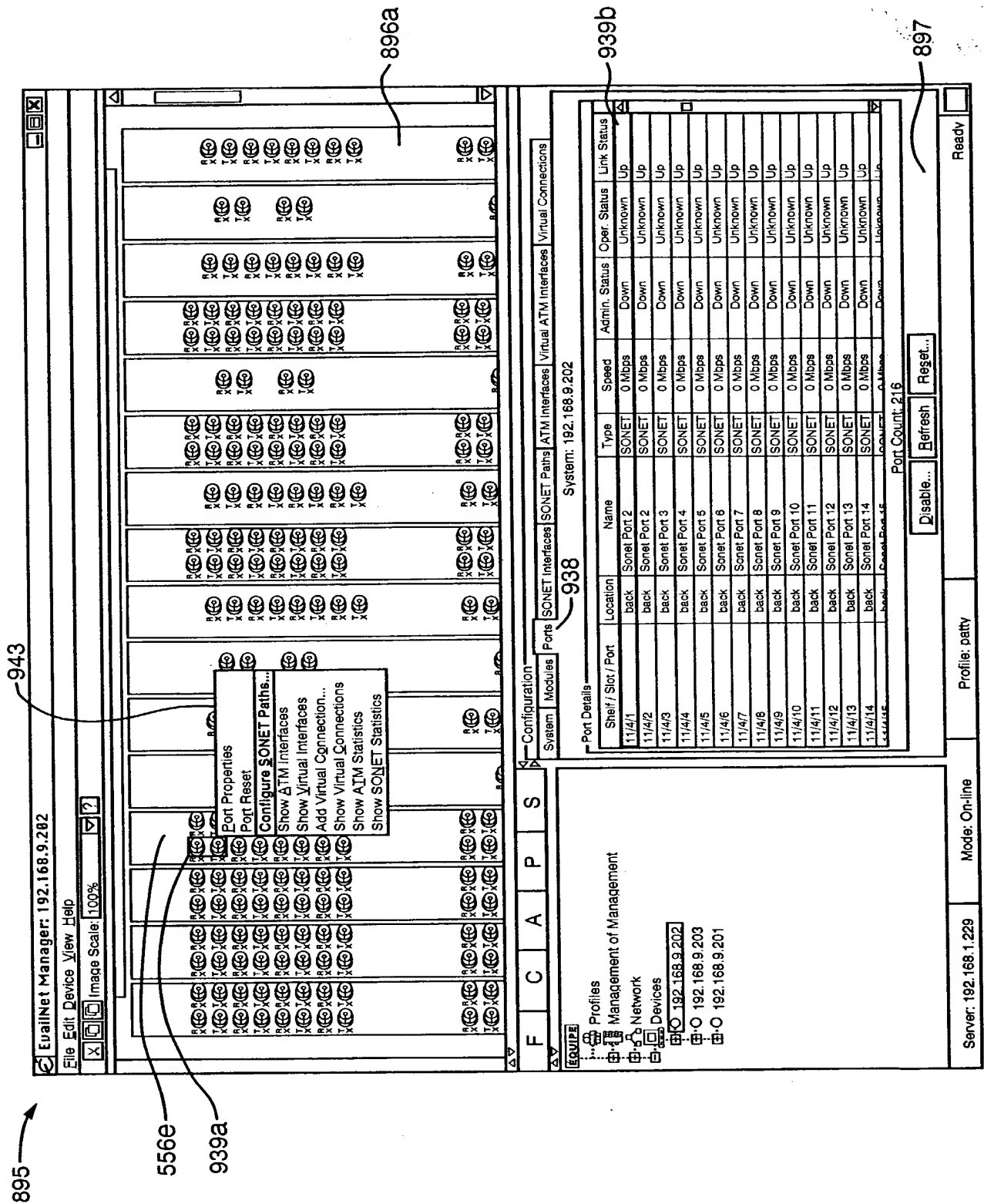


FIG. 5A

Figure 1 is a screenshot of a graphical user interface (GUI) for configuring a SONET Path. The window is titled "EvailNet Manager: SONET Path Configuration - 11/4/1". It displays "System: 192.168.9.202". The "SONET Line" section shows "Slot 4", "Port 1", and "Type OC12". The "SONET Path Wizard" section has three radio buttons: "Configure a single concatenated path (STS-12c)" (selected), "Configure", and "Custom Configuration". Below these are three dropdown menus: the first shows "4", the second shows "STS-3c", and the third shows "paths". At the bottom are "OK" and "Cancel" buttons.

FIG. 5B

EvailNet Manager: SONET Path Configuration - 11/4/1

System: 192.168.9.202

SONET Line

Slot 4 Port 1 Type OC12

SONET Path Wizard

☒ Configure a single concatenated path (STS-12c)

☐ Configure

☐ Custom Configuration

4

STS-3c

paths

Path Table

SONET Line	Path Name	Path Posit.	Path Wi.	Path Ty.	Servi.	Ingress Conne.	Egress Conne.
11/4/1	Path1_11/4/1	1	STS-12c	Termin.	ATM		

Modify

OK Cancel

FIG. 5C

55/289

944

EvaiNet Manager: SONET Path Configuration - 11/4/1

System: 192.168.9.202

SONET Line

Slot 4 Port 1 Type OC12

944a

SONET Path Wizard

☐ Configure a single concatenated path (STS-12c)

☒ Configure

☐ Custom Configuration

4

STS-3c

paths

944c

944s

944t

Path Table

SONET Line	Path Name	Path Posit.	Path Wi.	Path Ty.	Servi.	Ingress Conne.	Egress Conne.
11/4/1	Path1_11/...	1	STS-3c	Termin.	ATM		
11/4/1	Path2_11/...	4	STS-3c	Termin.	ATM		
11/4/1	Path3_11/...	7	STS-3c	Termin.	ATM		
11/4/1	Path4_11/...	10	STS-3c	Termin.	ATM		

944g

944p

Modify

944r

OK

Cancel

944q

Graphical Representation

Position

Width

1

4

7

10

STS-3c

STS-3c

STS-3c

STS-3c

944e

944f

FIG. 5D

EvailNet Manager: SONET Path Configuration - 11/4/1

System: 192.168.9.202

SONET Line

Slot 4

Port 1

Type OC12

SONET Path Wizard

☐ Configure a single concatenated path (STS-12c)

☒

Configure

☐ Custom Configuration

1

STS-12c

paths

Path Table

SONET Line	Path Name	Path Posit.	Path Wi.	Path Ty.	Servi.	Ingress Conne.	Egress Conne.
11/4/1	Path1_11/...	1	STS-12c	Termin.	ATM		

Modify

Graphical Representation

Position

Width

1

STS-12c

944r

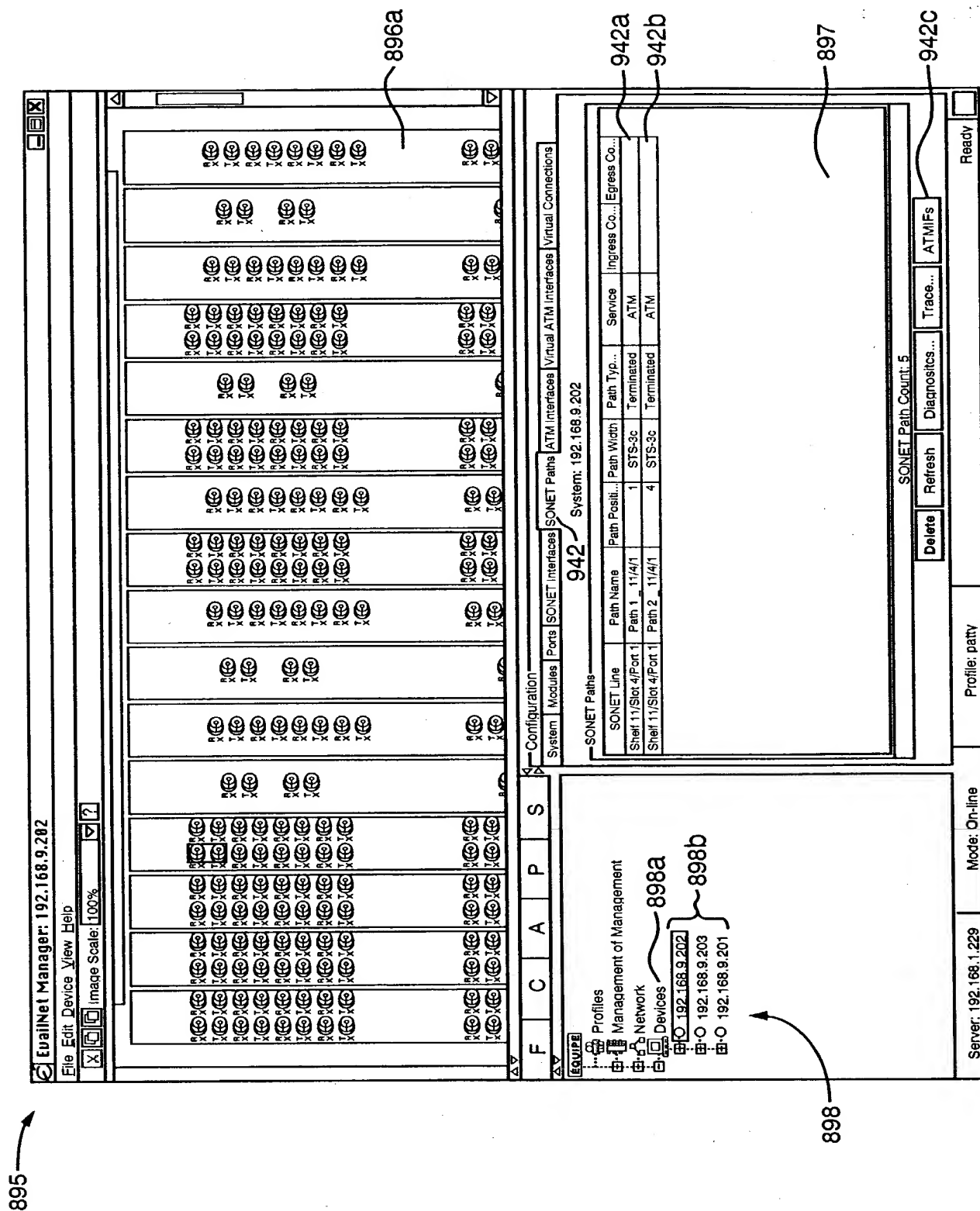
OK

Cancel

FIG. 5E

FIG. 5F

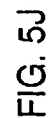
FIG. 5F



895-

898

FIG. 51



EvalNet Manager: SONET Path Configuration - 11/5/2

System: 192.168.9.202

SONET Line Slot Port Type

SONET Path Wizard

☒ Configure a single concatenated path (STS-48c)

☐ Configure

☐ Custom Configuration

Ok Cancel

944a

944b

944c

944d

944

FIG. 5K

✕
EvailNet Manager: SONET Path Configuration - 11/5/2

System: 192.168.9.202

SONET Line

Slot 5

Port 2

Type OC48

SONET Path Wizard

☒ Configure a single concatenated path (STS-48c)

☐ Configure
☐ Custom Configuration

4
STS-12c
paths

Path Table

SONET Line	Path Name	Path Posit.	Path Wi.	Path Ty.	Servi.	Ingress Conne.	Egress Conne.
11/5/2	Path1_11/5/2	1	STS-48c	Termin.	ATM		

Modify

Graphical Representation

Position

Width

1

STS-48c

OK

Cancel

FIG. 5L

64/289

EvailNet Manager: SONET Path Configuration - 11/5/2

System: 192.168.9.202

SONET Line

Slot Port Type

SONET Path Wizard

☐ Configure a single concatenated path (STS-48c)

☒ **Configure**

☐ Custom Configuration

4 paths

Path Table

SONET Line	Path Name	Path Posit.	Path Wi.	Path Ty.	Servi.	Ingress Conne.	Egress Conne.
11/5/2	Path1_11/...	1	STS-12c	Termin.	ATM		
11/5/2	Path2_11/...	13	STS-12c	Termin.	ATM		
11/5/2	Path3_11/...	25	STS-12c	Termin.	ATM		
11/5/2	Path4_11/...	37	STS-12c	Termin.	ATM		

Modify

OK Cancel

Graphical Representation

Position	Width
1	STS-12c
13	STS-12c
25	STS-12c
37	STS-12c

FIG. 5M

65/289

944

EvailNet Manager: SONET Path Configuration - 11/5/2

System: 192.168.9.202

SONET Line

Slot Port Type

SONET Path Wizard

☐ Configure a single concatenated path (STS-48c)
☒ **Configure**
☐ Custom Configuration

Path Table

SONET Line	Path Name	Path Posit.	Path Wi.	Path Ty.	Servi.	Ingress Conne.	Egress Conne.
11/5/2	Path1_11/...	1	STS-48c	Termin.	ATM		

944p ~ Modify

944r ~ OK 944q ~ Cancel

Graphical Representation

Position Width

1 STS-48c

944e 944f

944a 944b 944c 944d 944g

FIG. 5N

EvailNet Manager: SONET Path Configuration - 11/5/2

System: 192.168.9.202

SONET Line

Slot 5 Port 2 Type OC48

SONET Path Wizard

Configure

16

paths

Configure a single concatenated path (STS-48c)

Custom Configuration

Path Table

SONET Line	Path Name	Path Posit.	Path Wi.	Path Ty.	Servi.	Ingress Conne.	Egress Conne.
11/5/2	Path1_11/5/2	1	STS-3c	Termin.	ATM		
11/5/2	Path2_11/5/2	4	STS-3c	Termin.	ATM		
11/5/2	Path3_11/5/2	7	STS-3c	Termin.	ATM		
11/5/2	Path4_11/5/2	10	STS-3c	Termin.	ATM		
11/5/2	Path5_11/5/2	13	STS-3c	Termin.	ATM		
11/5/2	Path6_11/5/2	16	STS-3c	Termin.	ATM		
11/5/2	Path7_11/5/2	19	STS-3c	Termin.	ATM		

Graphical Representation

Position

Width

STS-3c

944p

Modify

944r

OK

Cancel

944q

FIG. 50

67/289

944 **EvailNet Manager: SONET Path Configuration - 11/4/1** System: 192.168.9.202

944a **SONET Line** Slot Port Type

944b **SONET Path Wizard**

- ☐ Configure a single concatenated path (STS-12c)
- 944c ☐ Configure
- 944d ☐ Custom Configuration

944h **Functions**

Available SONET Paths

944i STS-3C

STS-12C

944j

Add>

<Remove

<<Clear

944g **Path Table**

SONET Line	Path Name	Path Position	Path Width	Path Type	Service	Ingress Co...	Egress Co...
11/5/2	Path1_11/...	1	STS-3c	Terminated	ATM		
11/5/2	Path2_11/...	4	STS-3c	Terminated	ATM		
11/5/2	Path3_11/...	7		Terminated	ATM		

944p

Graphical Representation

Position	Width
1	STS-3c
4	STS-3c
7	STS-3
10	STS-3
22	STS-12c
34	STS-12c

944e } 944f

944r 944q

FIG. 5P

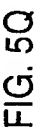
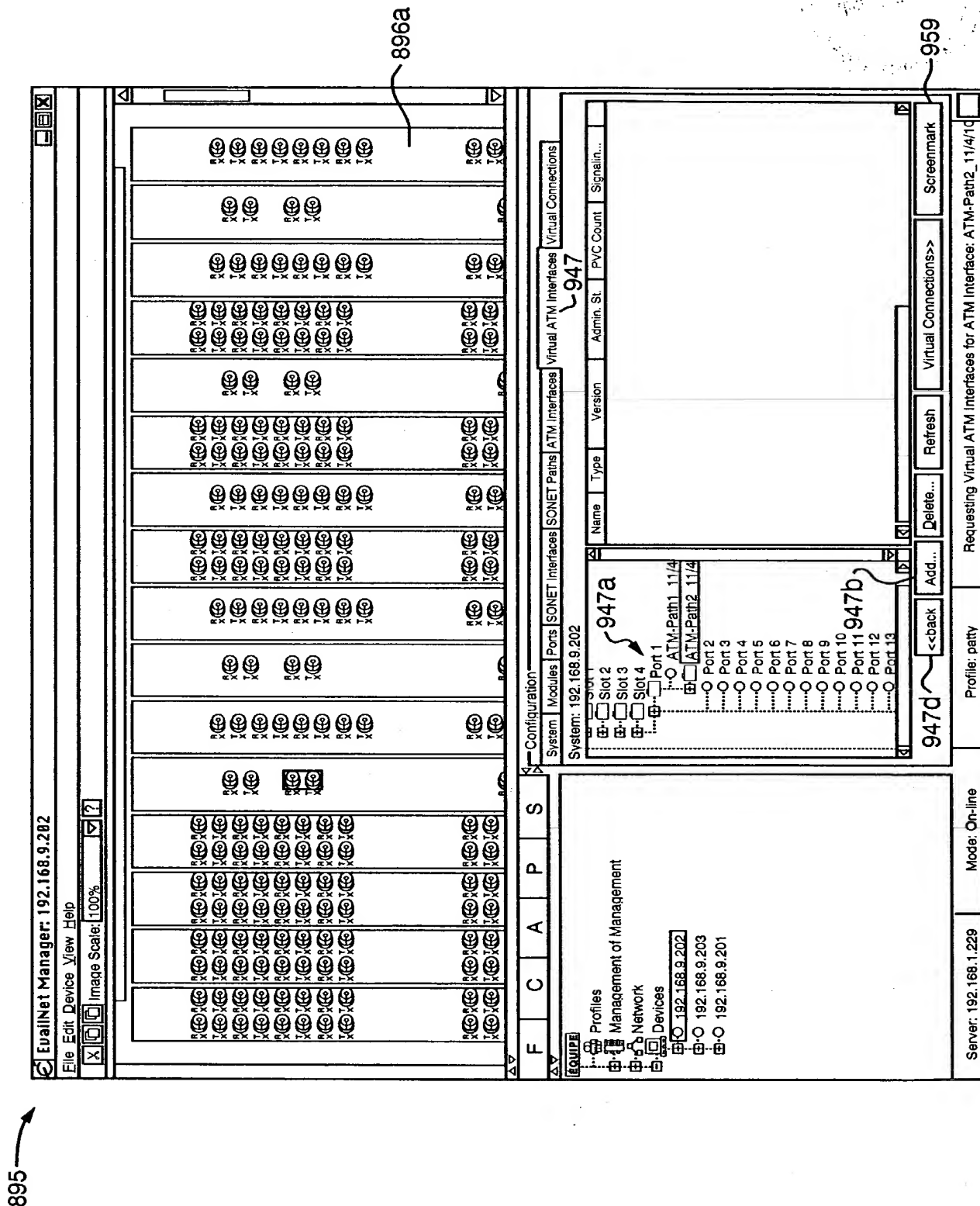


FIG. 5Q



FIG. 5R



896A

959

71/289

950

Add U-ATM Interface - 192.168.9.202 [X]

Shelf/Slot/Port: 11/4/1 Path Name: Path2_11/4/1

Virtual ATM Interface Parameters

950d Name	test1
950a Connection Type	Direct Link
950b Version	UNI Network 3.1
950c Admin Status	Up

950e

OK Cancel

FIG. 5T

895

EqualNet Manager: 192.168.9.202

File Edit Device View Help

Image Scale: 100%

Configuration

System: 192.168.9.202

Modules Ports SONET Interfaces ATM Interfaces Virtual ATM Interfaces Virtual Connections

192.168.9.202

Shell 11

Slot 1

Slot 2

Slot 3

Slot 4

Port 1

ATM-Path1 11/4/

ATM-Path2 11/4/

Port 2

Port 3

Port 4

Port 5

Port 6

Port 7

Port 8

Port 9

947a

947b

947c

947

test1

Name	Type	Version	Admin. Status	PVC Count	Sign
test1	Direct Link	UNI Network 3.1	Up	0	0

<<back Add... Delete... Refresh Virtual Connections>>

Ready

Server: 192.168.1.229 Mode: On-line Profile: patty

Profil Management

Network

Devices

192.168.9.202

FIG. 5U

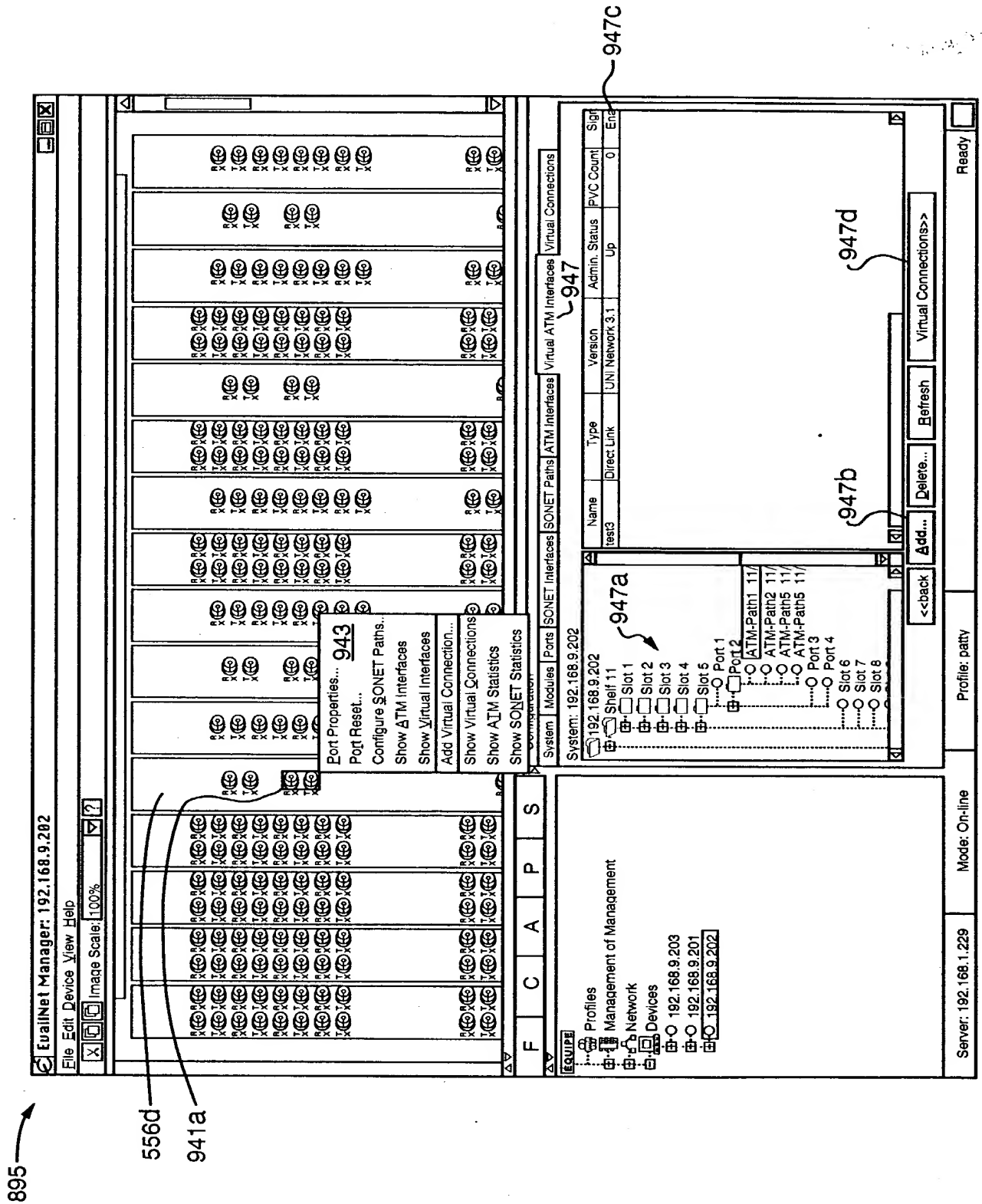


FIG. 5V

74/289

952

EvailNet Manager: 192.168.9.202 - Virtual Connection Wizard

Connection Topology—

What type of connection do you want?

☒ Point to Point ☐ Point to Multipoint

952a

Connection Type—

Do you want to create a Virtual Path or a Virtual Channel?

☒ Virtual Path Connection (VPC) ☐ Virtual Channel Connection (VCC)

952b

☐ Soft (SPVPC/SPVCC)

providing
the optical
on-ramp™

Welcome to
EQUIPE Communications

Next>> Cancel

FIG. 5W

75/289

953

EvailNet Manager: 192.168.9.202-Virtual Connection Wizard

Source: 192.168.9.202 Destination: 192.168.9.202

953a End Point 1

Slot 4
Port 1
ATM-Path1_11/4/1
ATM-Path2_11/4/1
test1
test2
Port 2
Port 3
Port 4 953b

End Point 1

Slot 3
Slot 4
Slot 5
Port 1
Port 2
ATM-Path1_11/5/2
test3
ATM-Path2_11/5/2
ATM-Path5_11/5/2 953c
953d

953e Connection Parameters

Connection Name: test

Admin Status: Up 953h

Customer Name: Walmart Customer List

953f End Point 1 Parameters:

VPI: 953i ☒ Use Any VPI Value 953k

VCI: 953m ☐ Use Any VCI Value 953o

Transmit Traffic Descriptor: VBR-high

Receive Traffic Descriptor: VBR-high 953q

☐ Use the same Traffic Descriptor for both Transmit and Receive

953g End Point 2 Parameters:

VPI: 953j ☒ Use Any VPI Value 953l

VCI: 953n ☐ Use Any VCI Value 953p

Transmit Traffic Descriptor: VBR-high

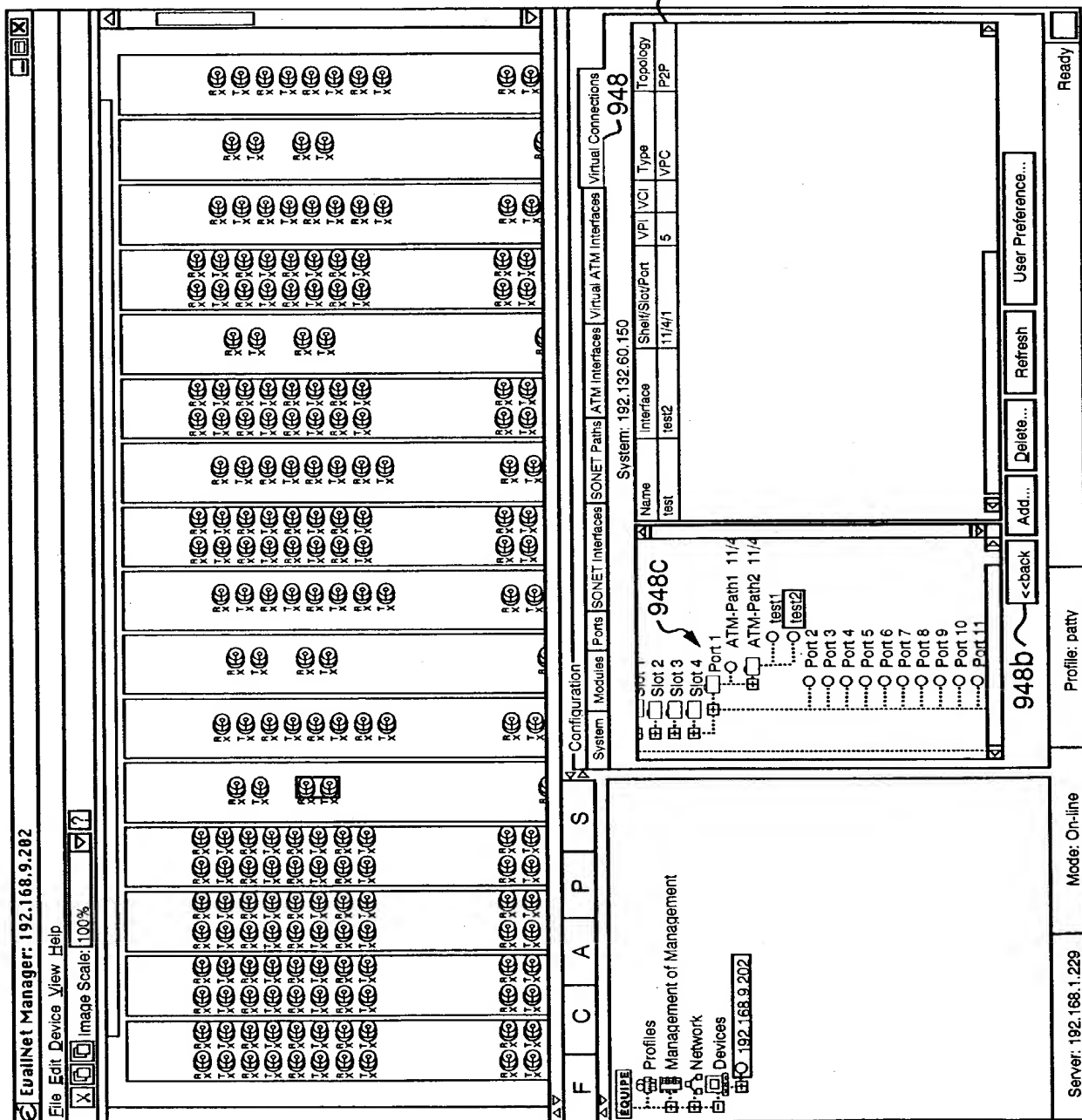
Receive Traffic Descriptor: VBR-high 953r

☐ Use the same Traffic Descriptor for both Transmit and Receive 953t

953u 953w 953v

<<Back Finish Cancel

FIG. 5X



79/289

FIG. 6B is a screenshot of a dialog box titled "AddDeleteDeviceDlg". The dialog box contains the following elements:

- A title bar with the text "AddDeleteDeviceDlg" and a close button (X).
- A label "Enter device to add" above a text input field containing the IP address "192.168.9.201".
- A checkbox labeled "Manage device in on-line mode" with a label "898l" pointing to it.
- A button labeled "Add" with a label "898f" pointing to it.
- A label "Device List" above a list box labeled "On-Line Device".
- A list box containing one entry: a checkbox followed by the IP address "192.168.9.201". A label "898m" points to this entry.
- Three buttons at the bottom: "OK", "Cancel", and "Delete".

Reference numerals 898e, 898d, and 898g point to the input field, the "Add" button, and the list box respectively.

FIG. 6B

FIG. 6C is a screenshot of the same dialog box "AddDeleteDeviceDlg" as in FIG. 6B, but in a different state. The elements are:

- A title bar with the text "AddDeleteDeviceDlg" and a close button (X).
- A label "Enter device to add" above an empty text input field.
- A checkbox labeled "Manage device in on-line mode".
- A button labeled "Add".
- A label "Device List" above a list box labeled "On-Line Device".
- A list box containing one entry: a checkbox followed by the IP address "192.168.9.201". A label "898m" points to this entry.
- Three buttons at the bottom: "OK", "Cancel", and "Delete".

Reference numerals 898d and 898g point to the "Add" button and the list box respectively.

FIG. 6C



81/289

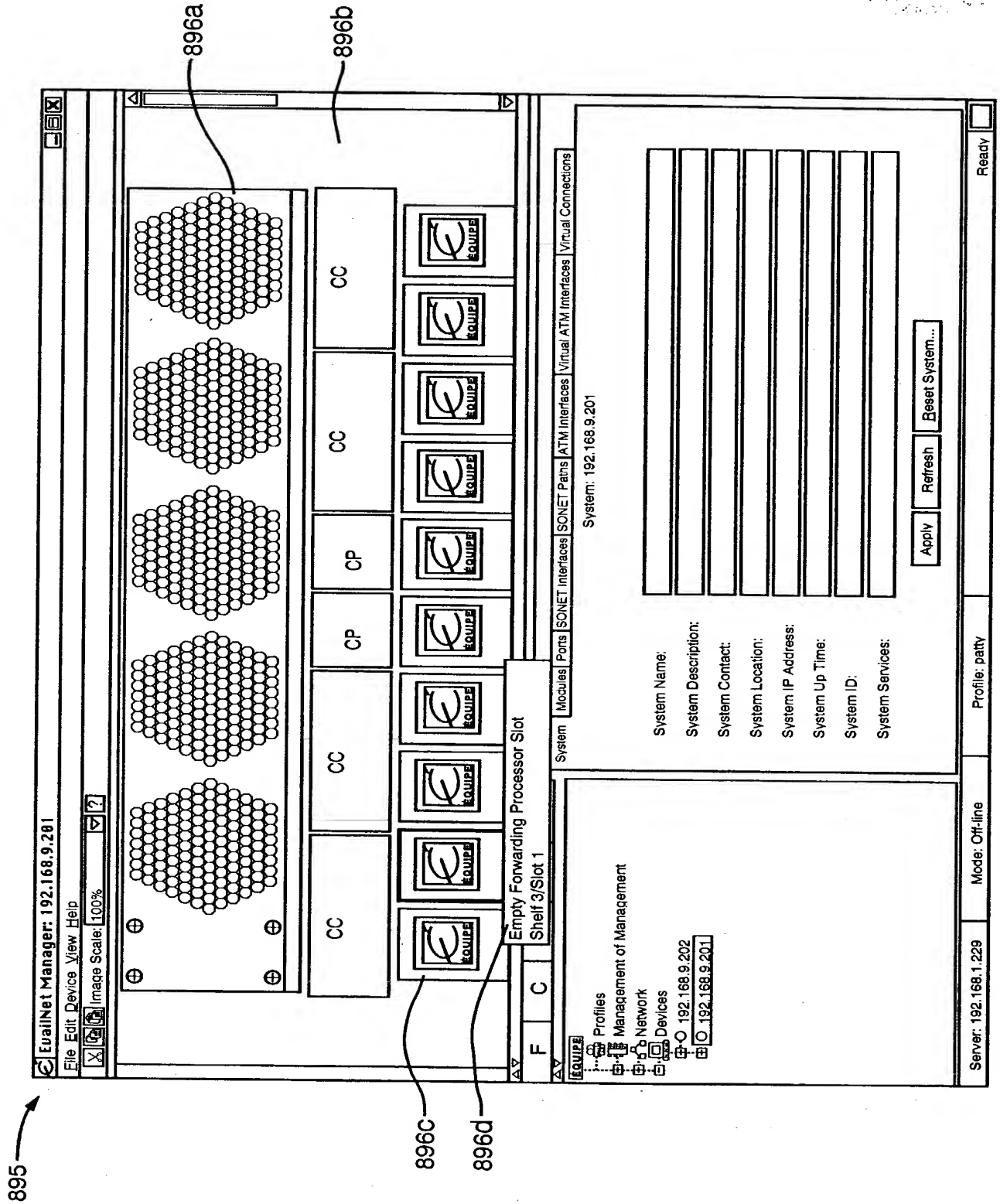


FIG. 6E

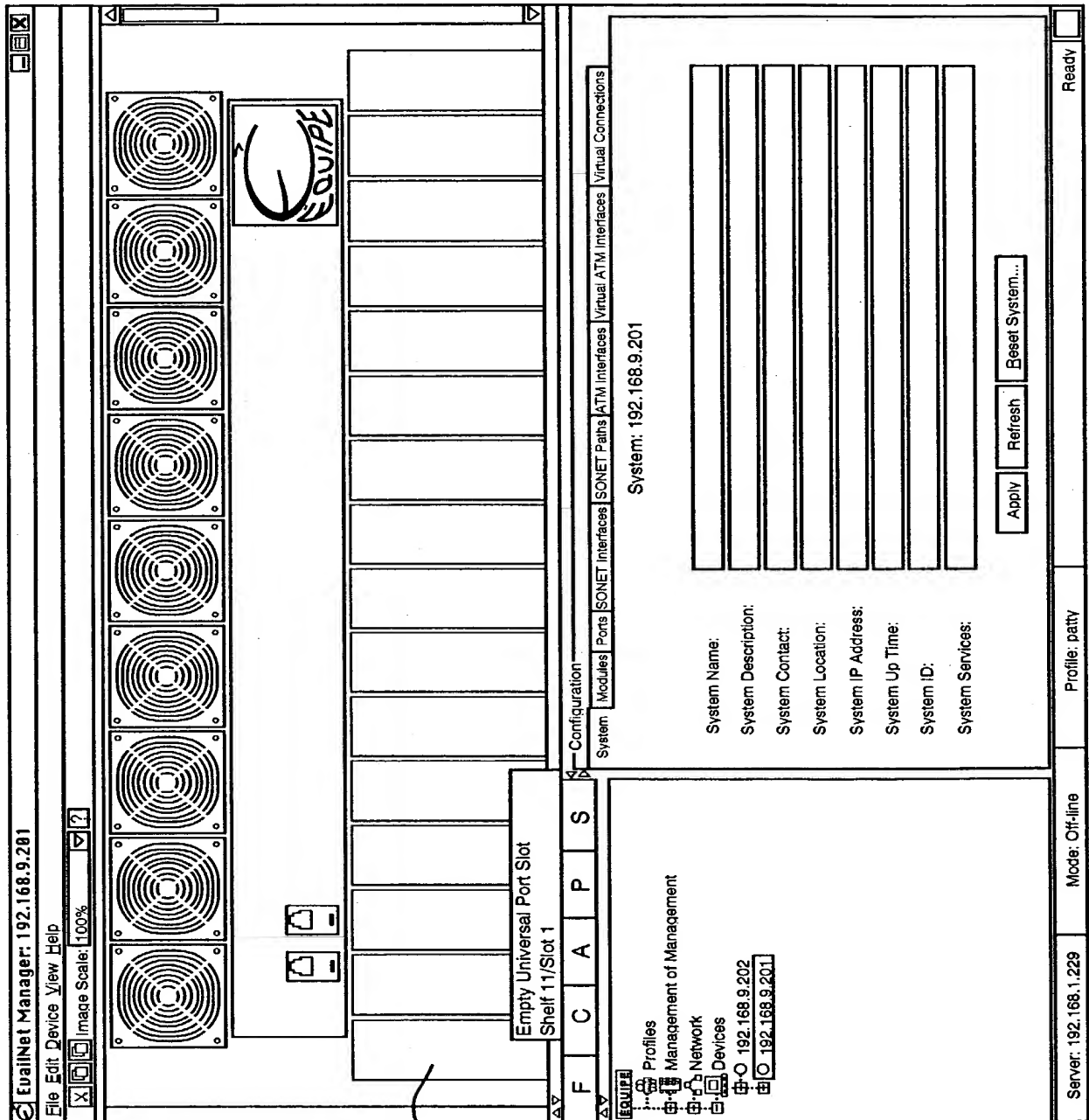


FIG. 6H

895

896f

896g

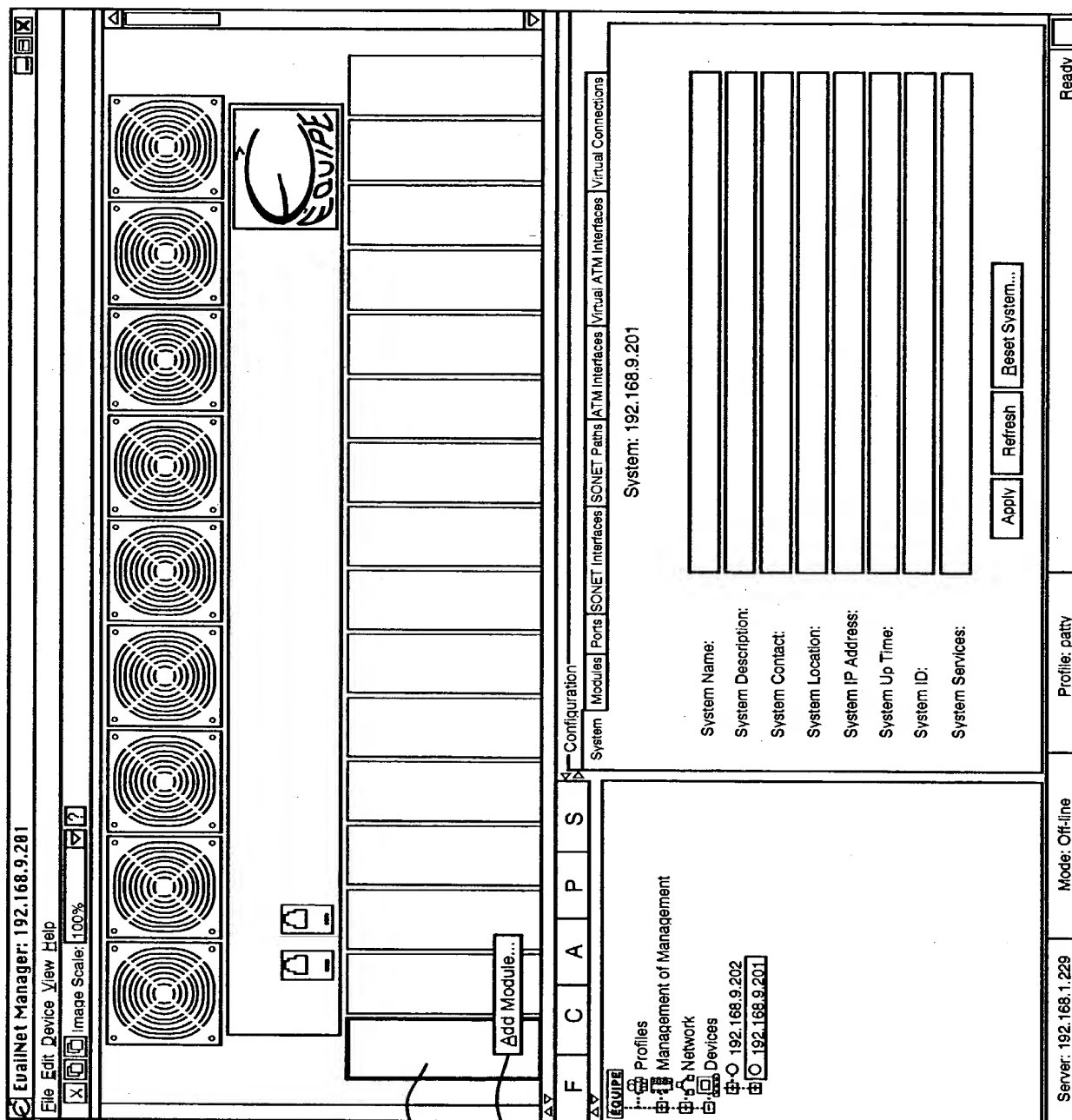


FIG. 6I

86/289

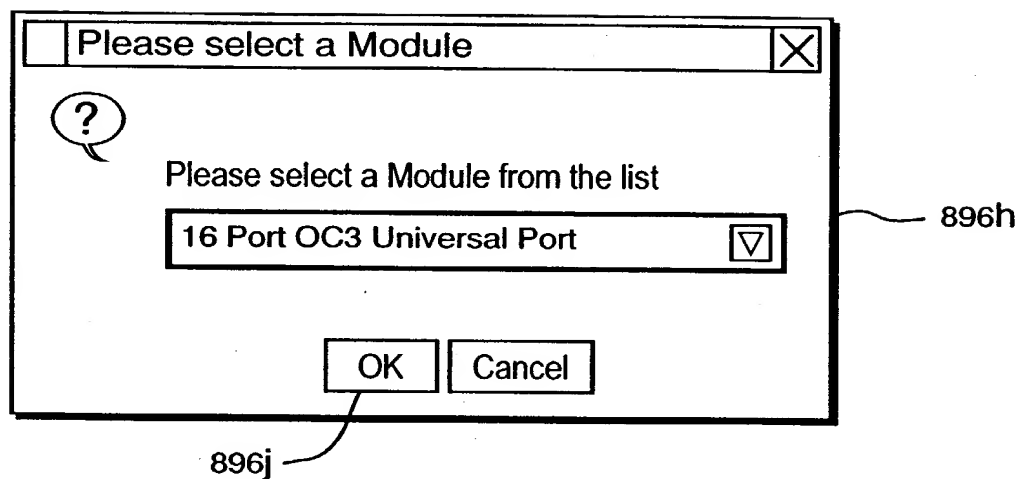


FIG. 6J

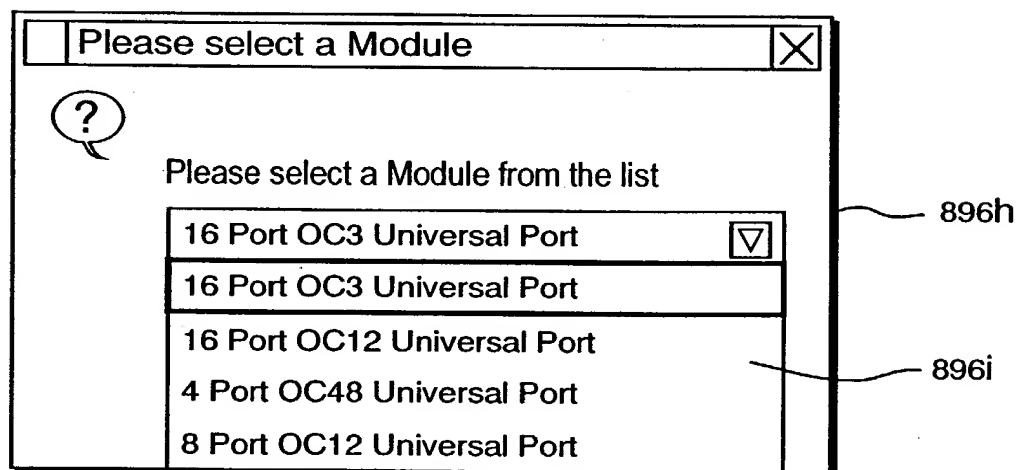


FIG. 6K

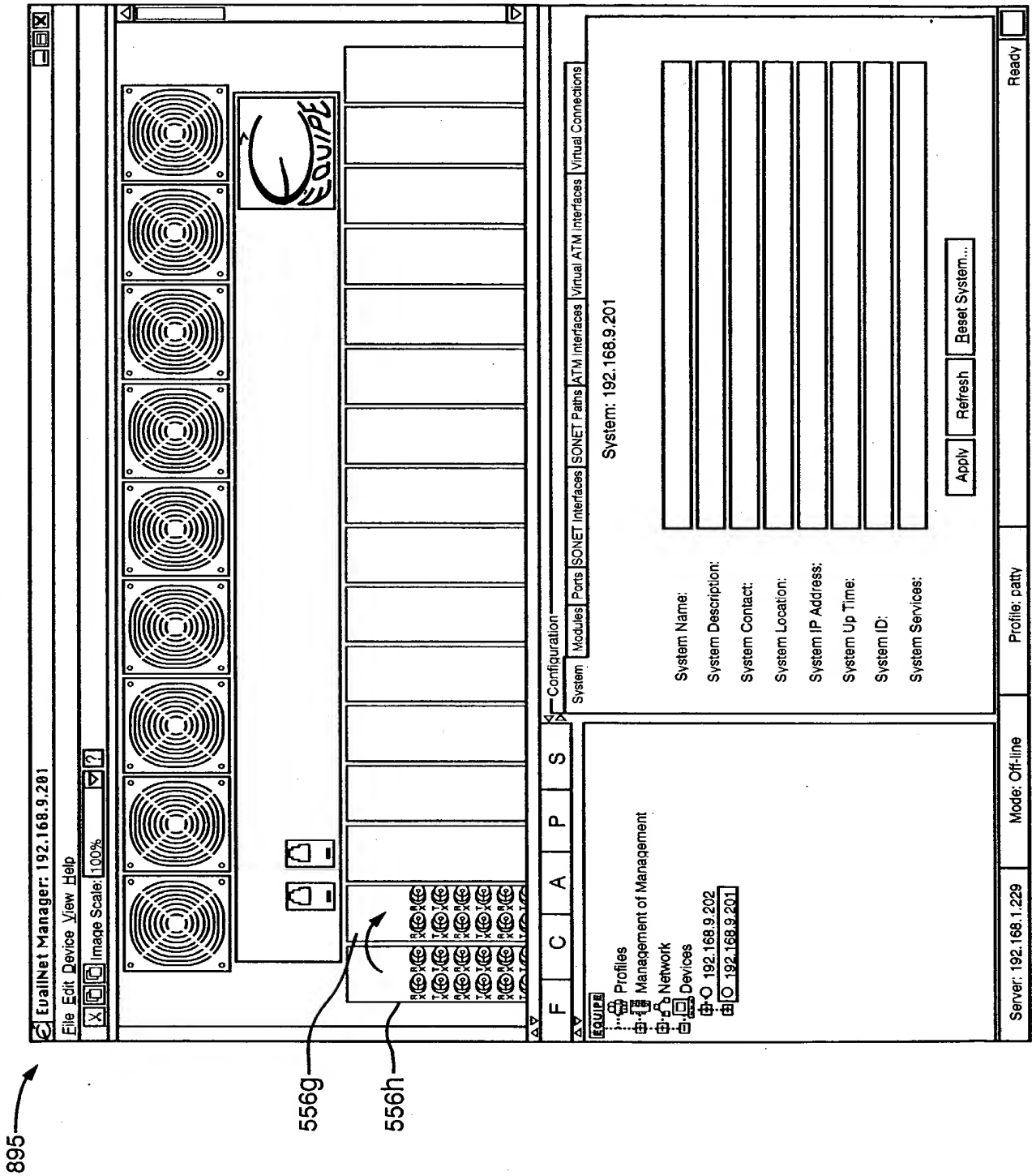


FIG. 6M

89/289

895

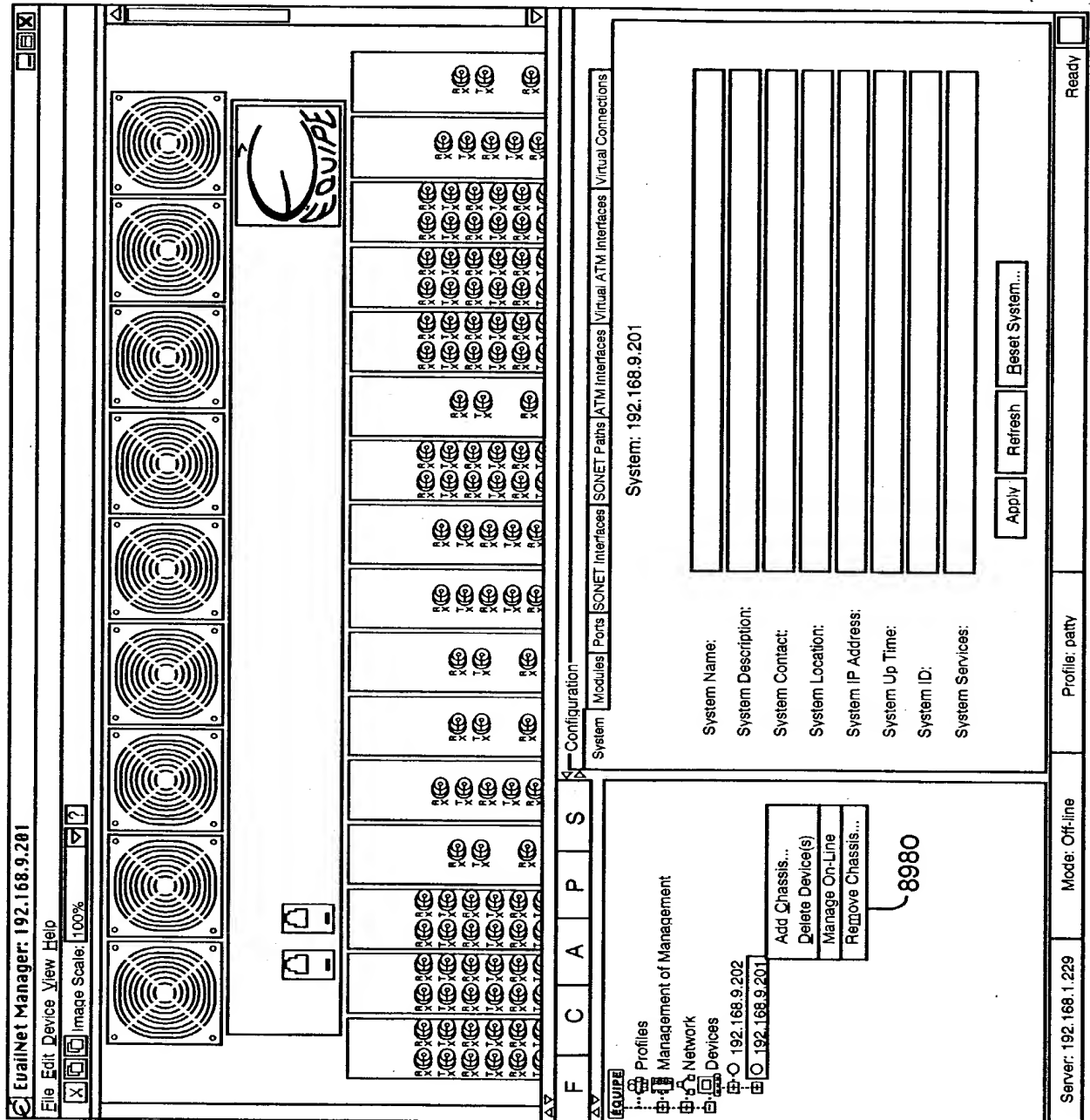


FIG. 6N

90/289

895

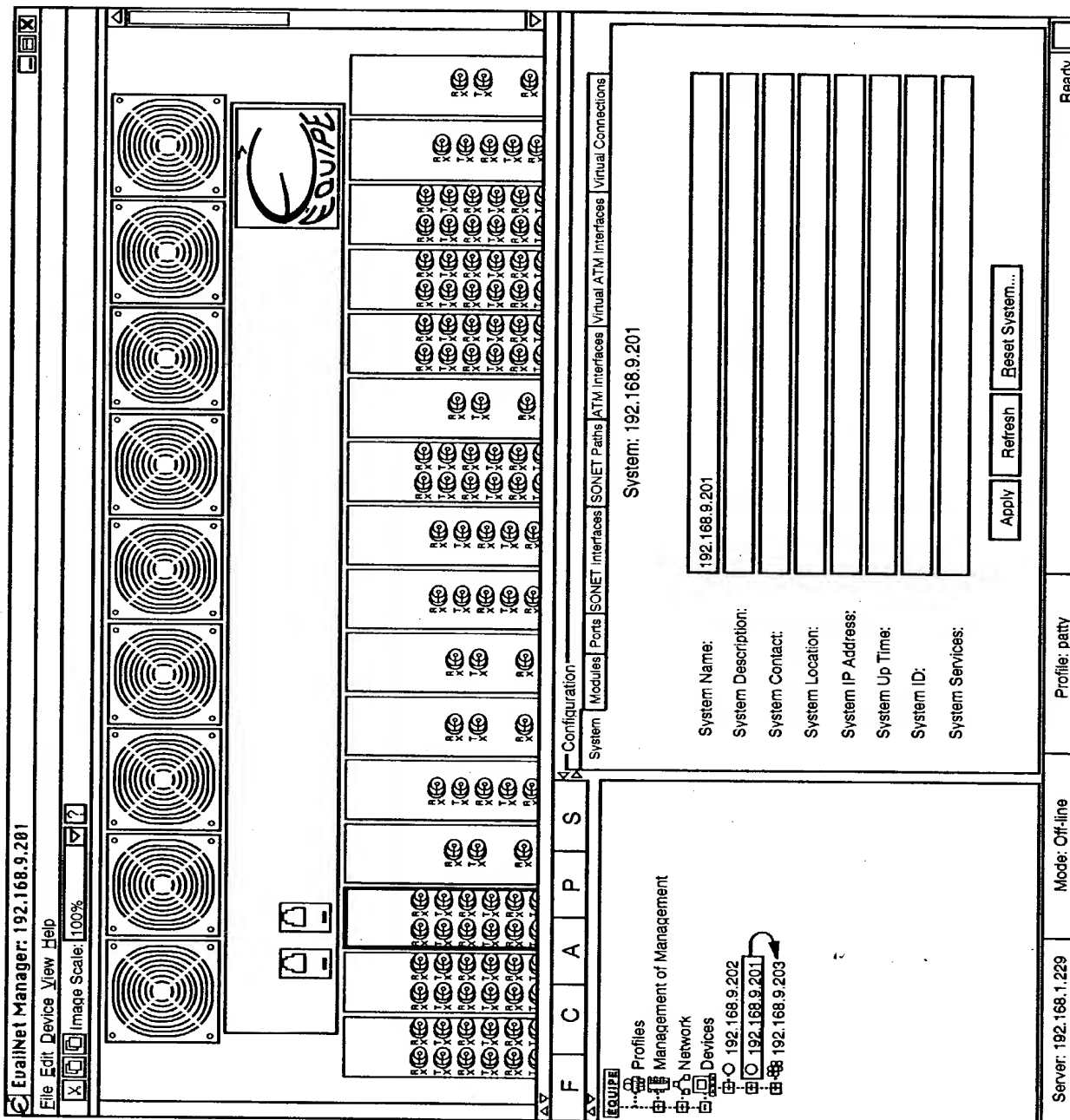


FIG. 60

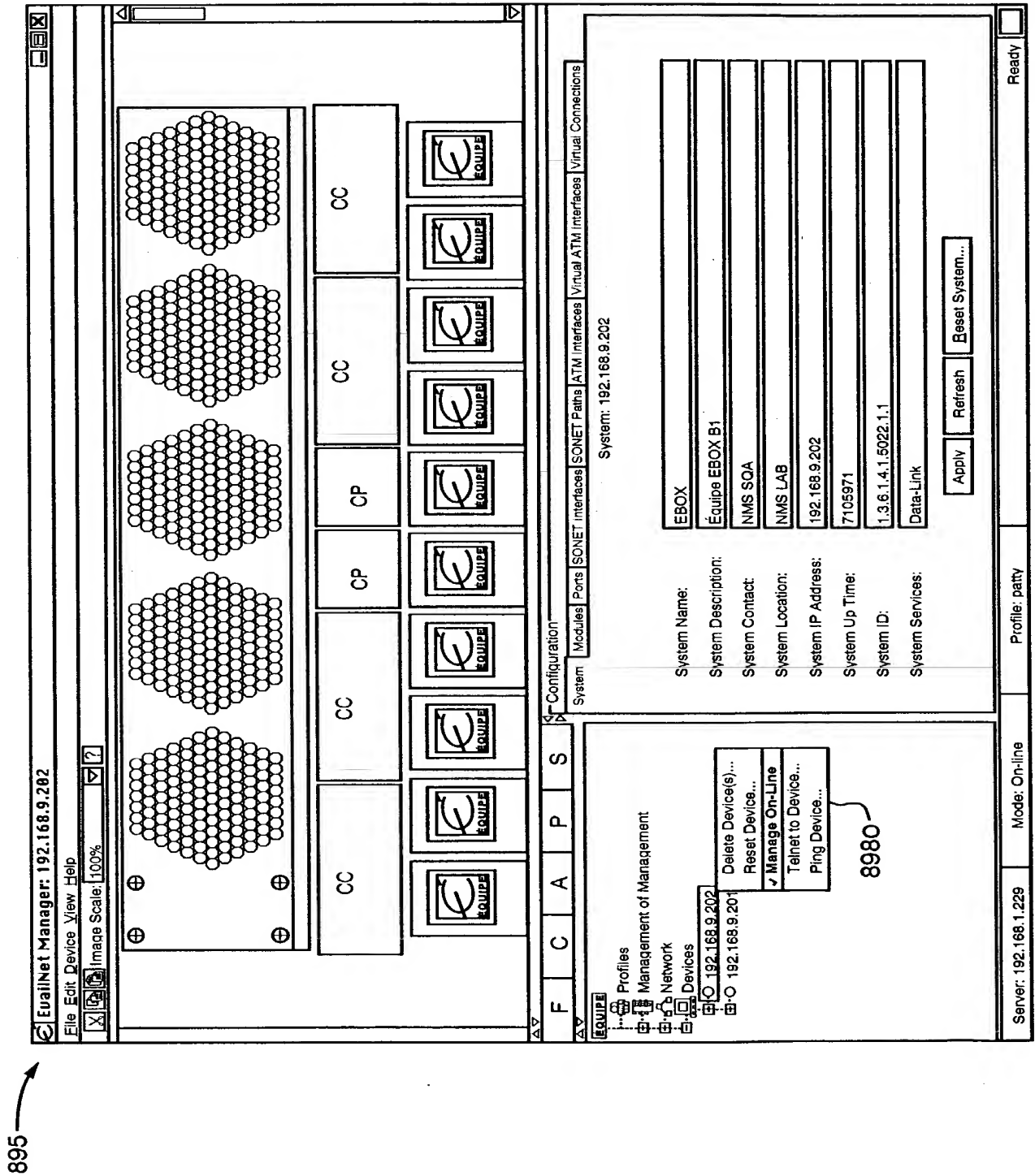


FIG. 6P

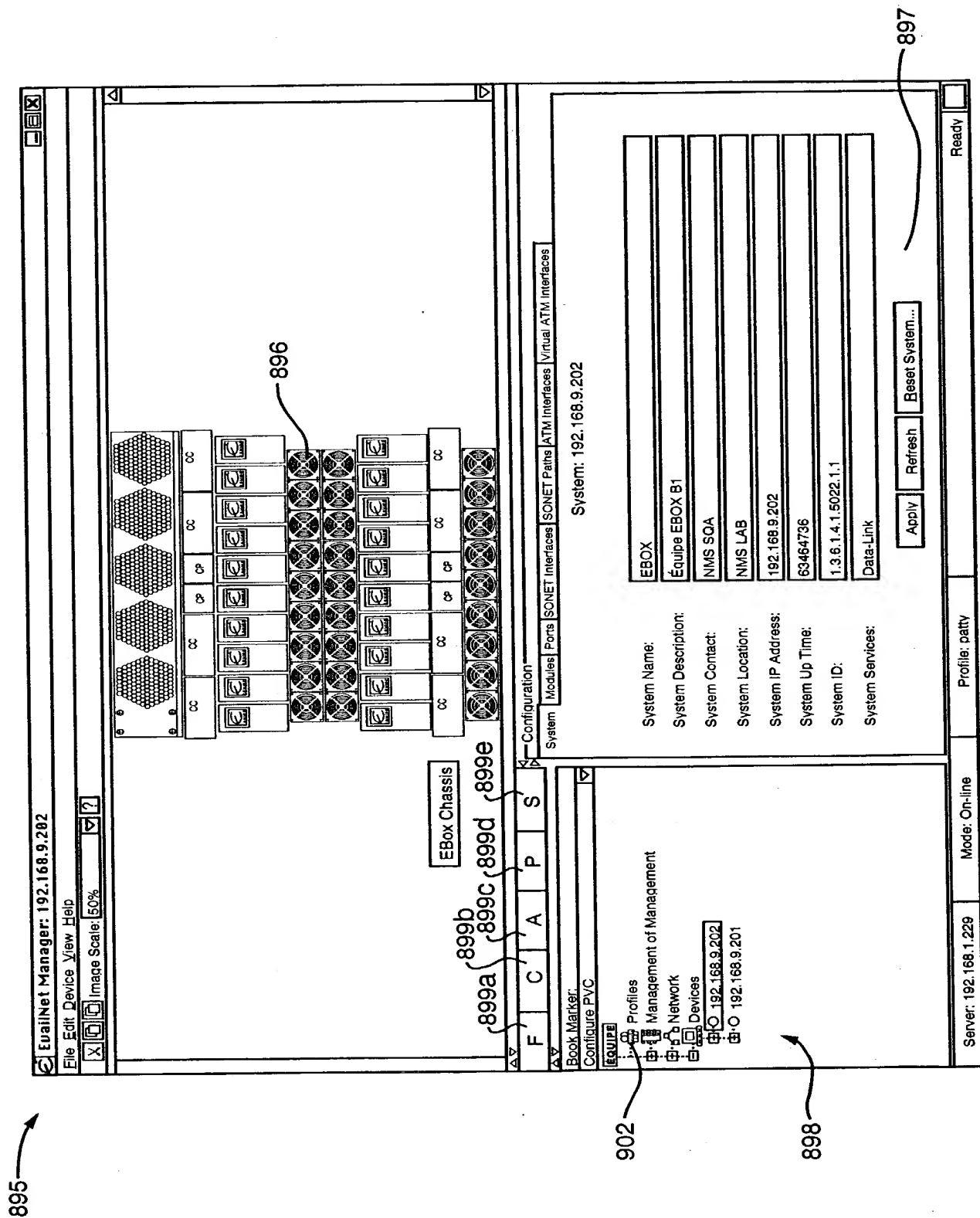


FIG. 7A

93/289

900

EvailNet Manager: Fault - Event Summary

System: 192.132.65.150

System	Event	Event Number	Description
1.1.55.6	Fan OverTemp	44	"Fan marginally functioning"
1.1.55.7	New Board Ins...	75	"New board inserted"

OK

FIG. 7B

94/289

EvalNet Manager: 192.168.9.202 File Edit Device View Help Image Scale: 50%				
Security <input type="checkbox"/> SHMP Configuration Changes System: 192.168.9.202 - SHMP Community Strings READ Community: public READ/WRITE Community: public	Command Line Interpreter (CLI) Administrator Password: root			
<input type="button" value="Apply"/>				

899a	899b	899c	899d	899e
F	C	A	P	S

Book Marks Configure PVC	EQUIPE Profiles Management of Management
-----------------------------	--

Server: 192.168.9.202 Mode: On-line Profile:

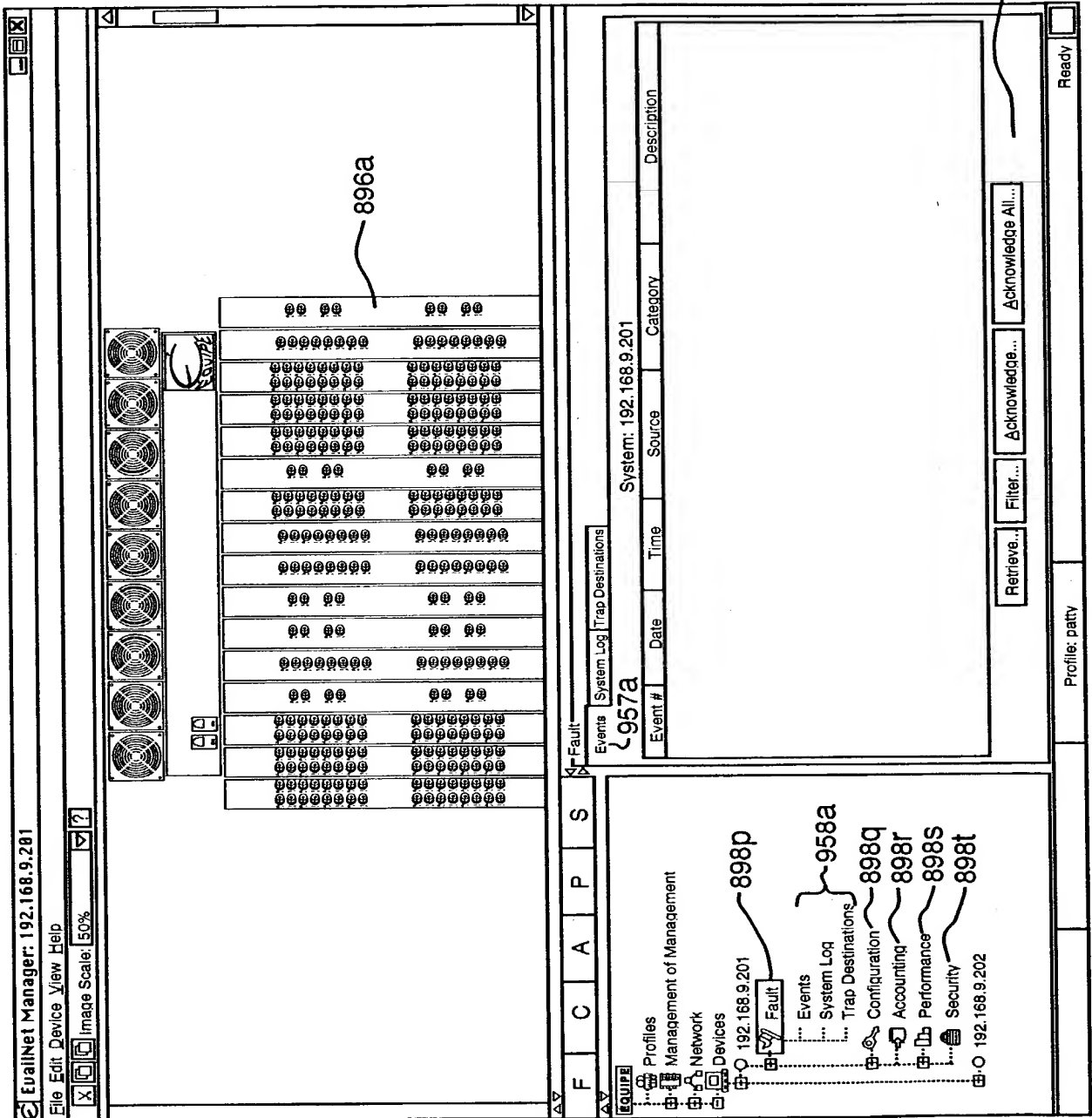


FIG. 7E

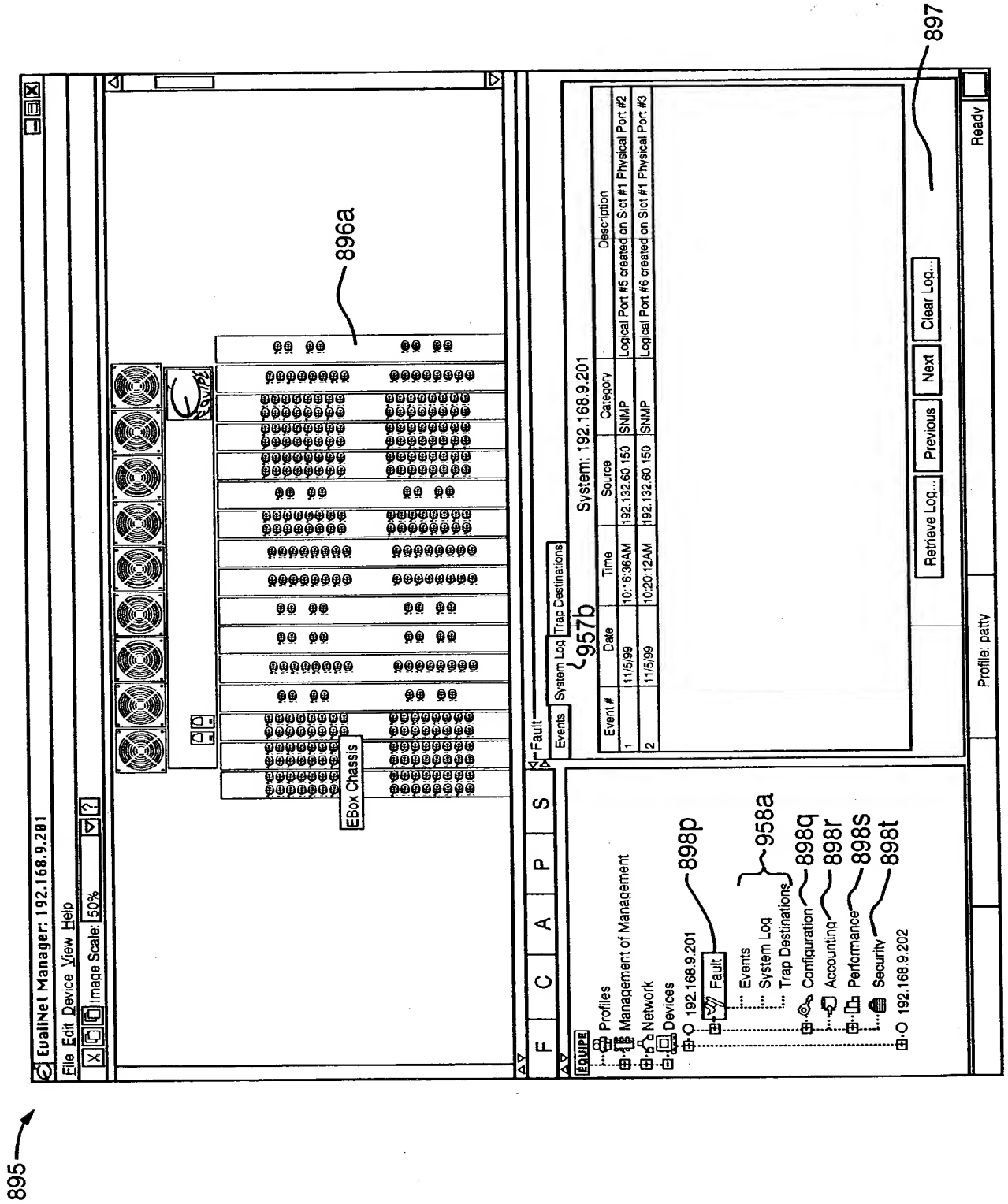


FIG. 7F

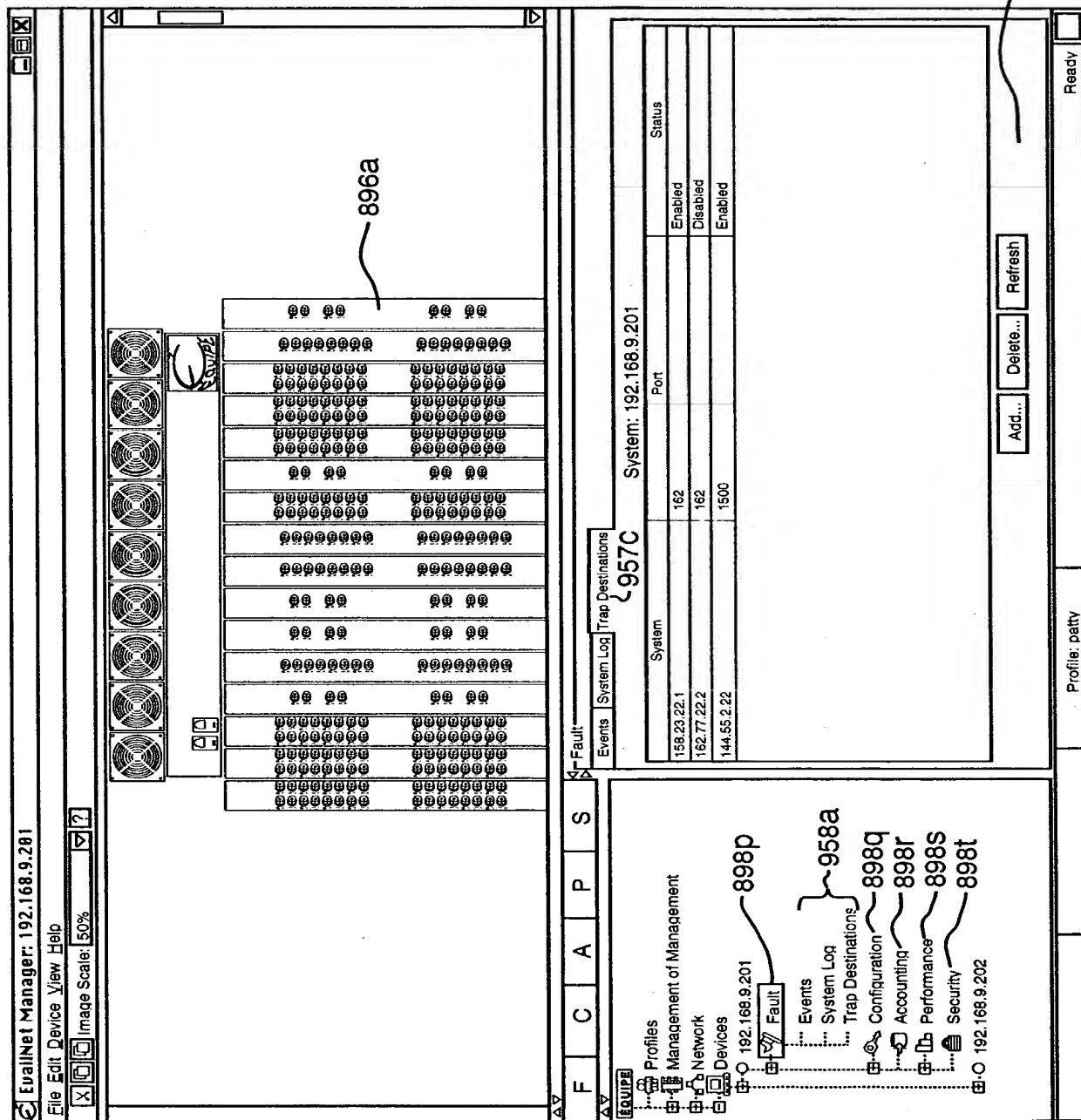
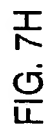


FIG. 7G



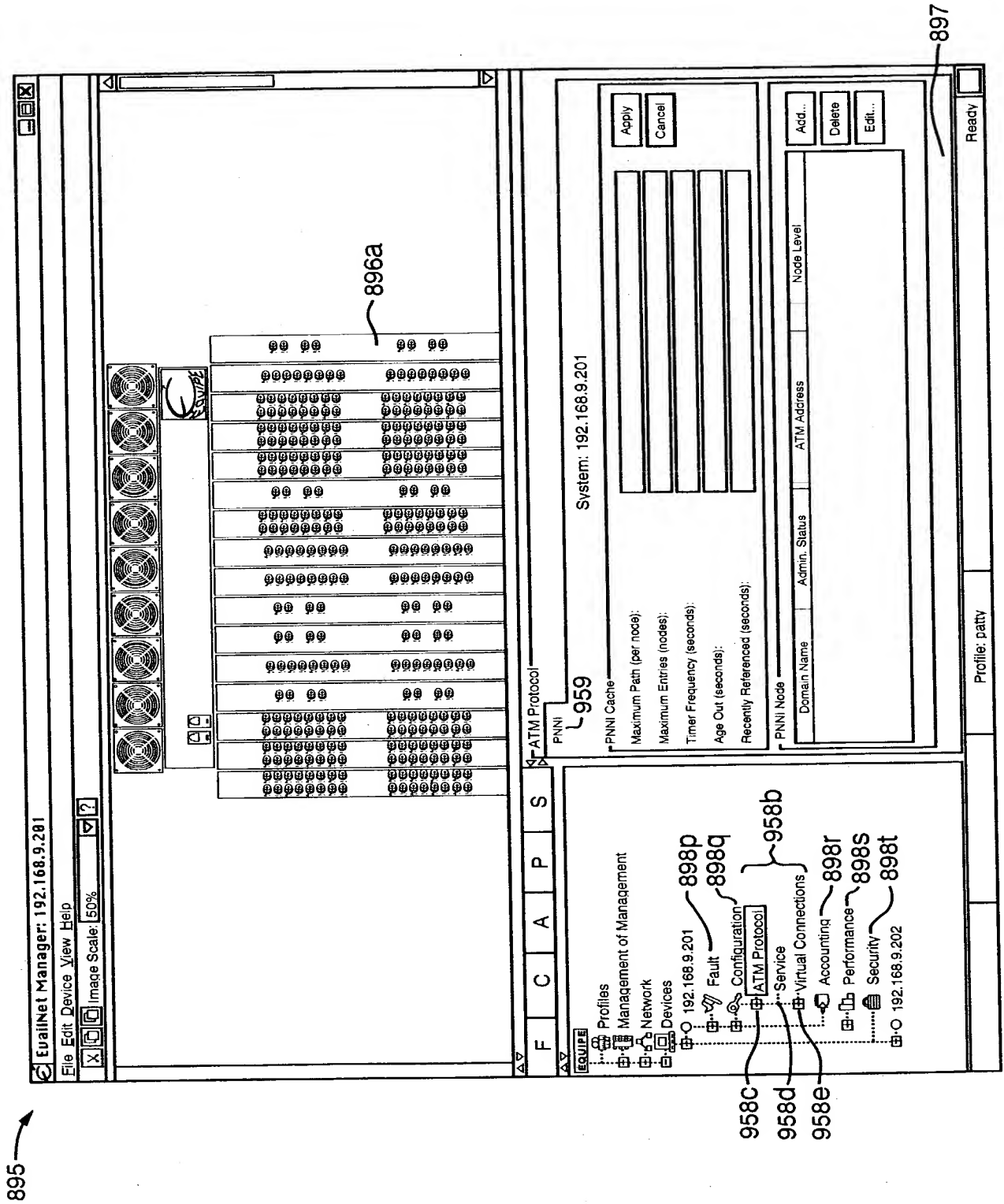


FIG. 71

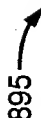


FIG. 7J

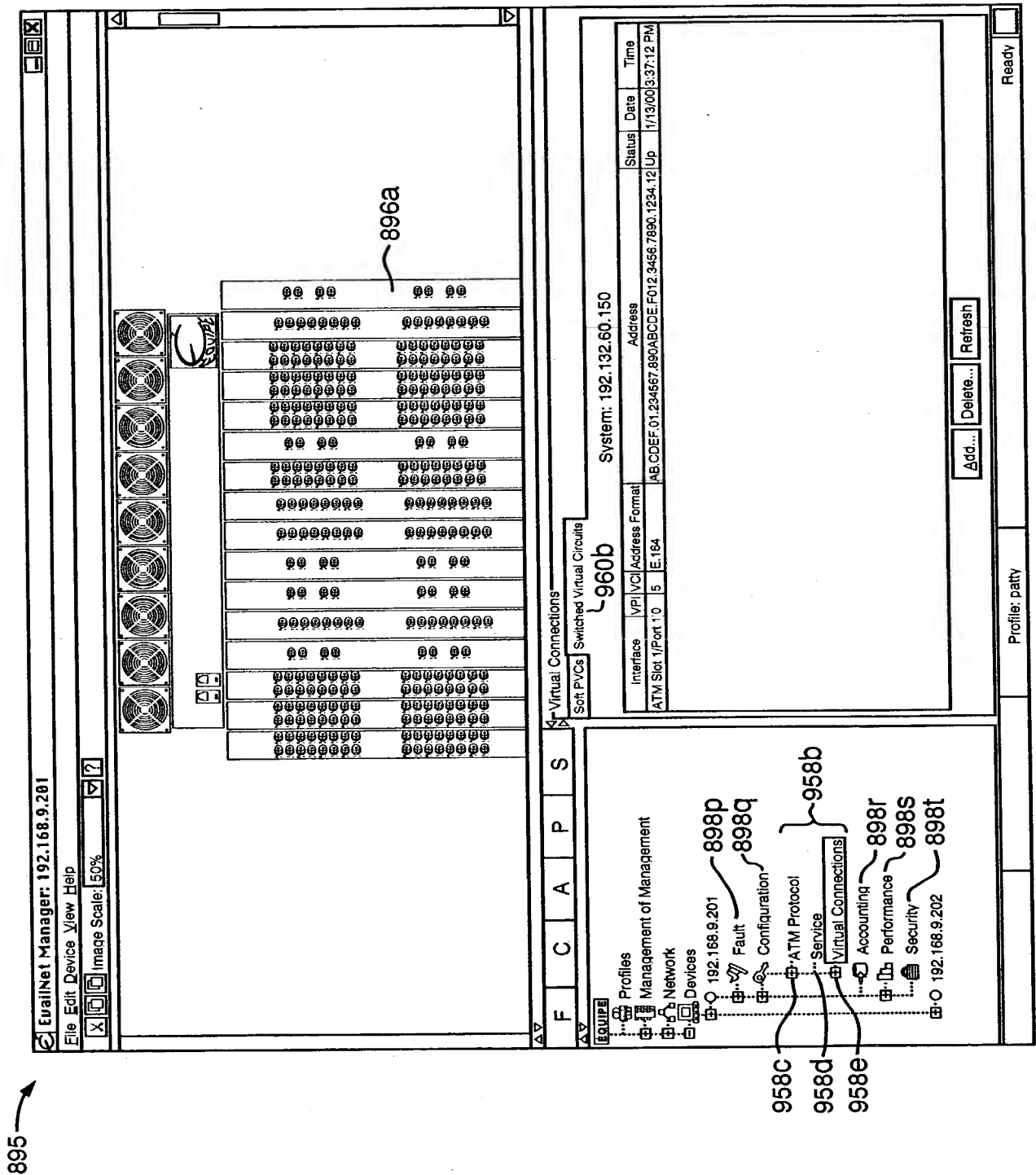
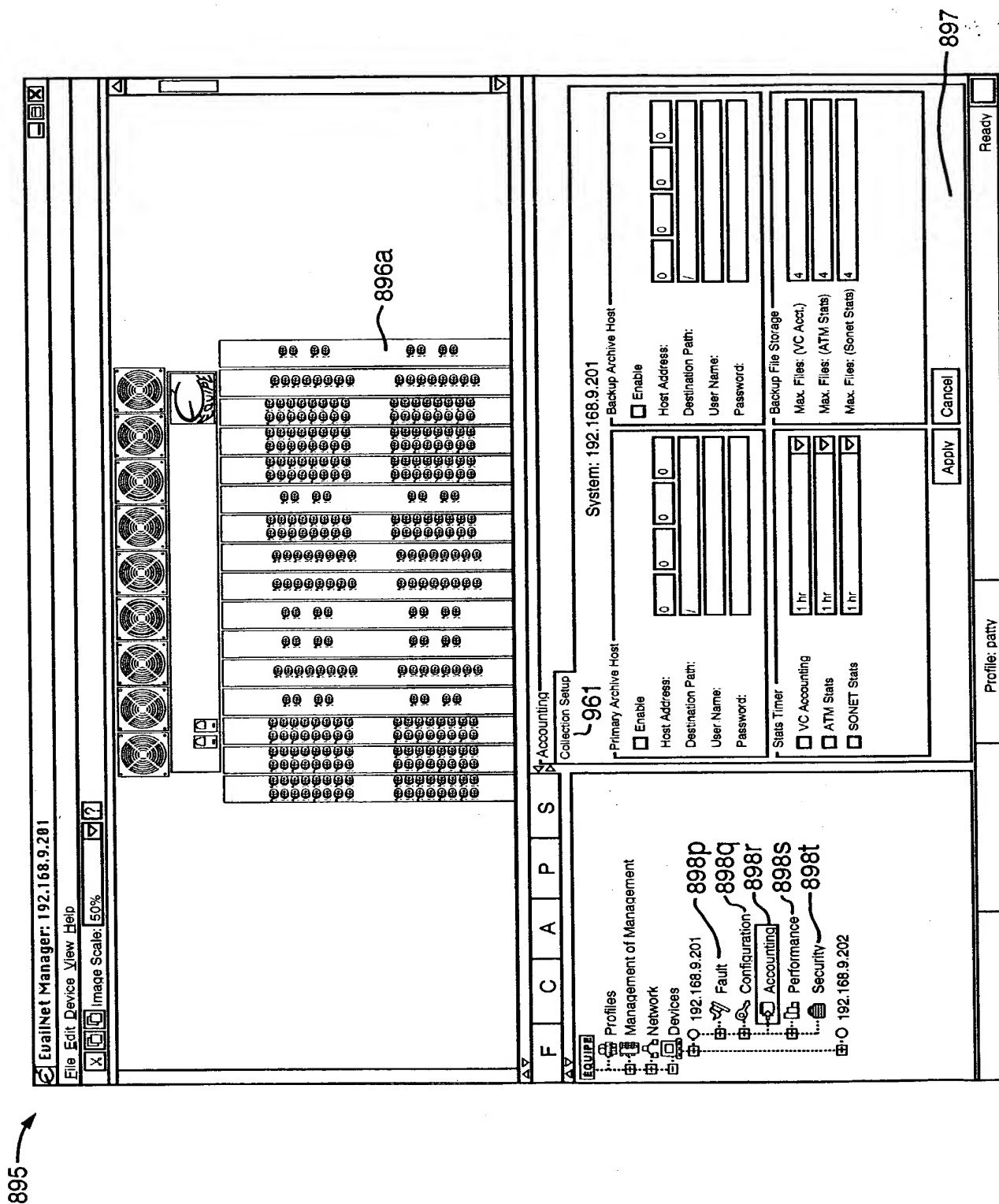
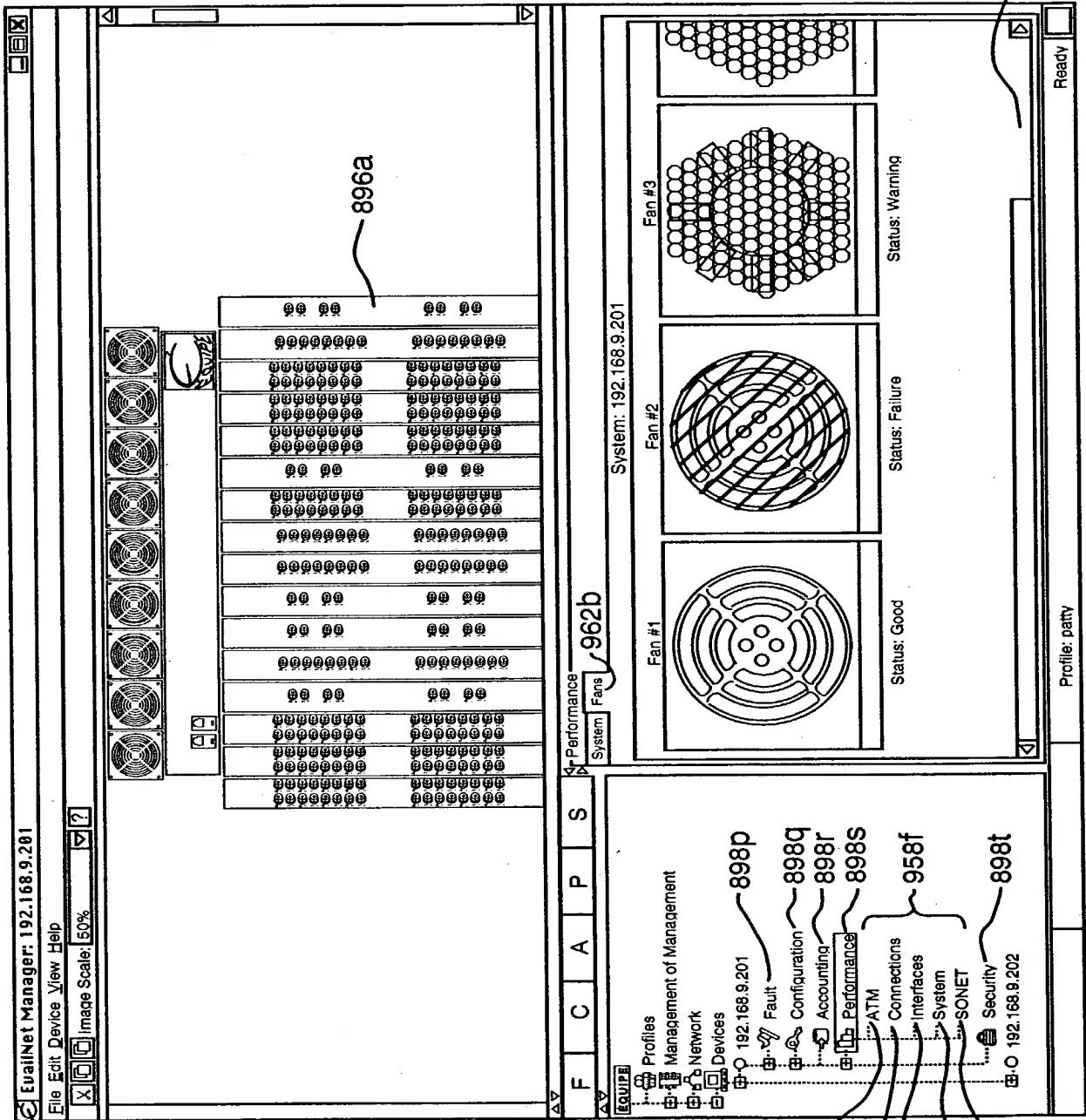


FIG. 7K





895



896a

896b

897

958g
958h
958i
958j
958k

FIG. 7N

895

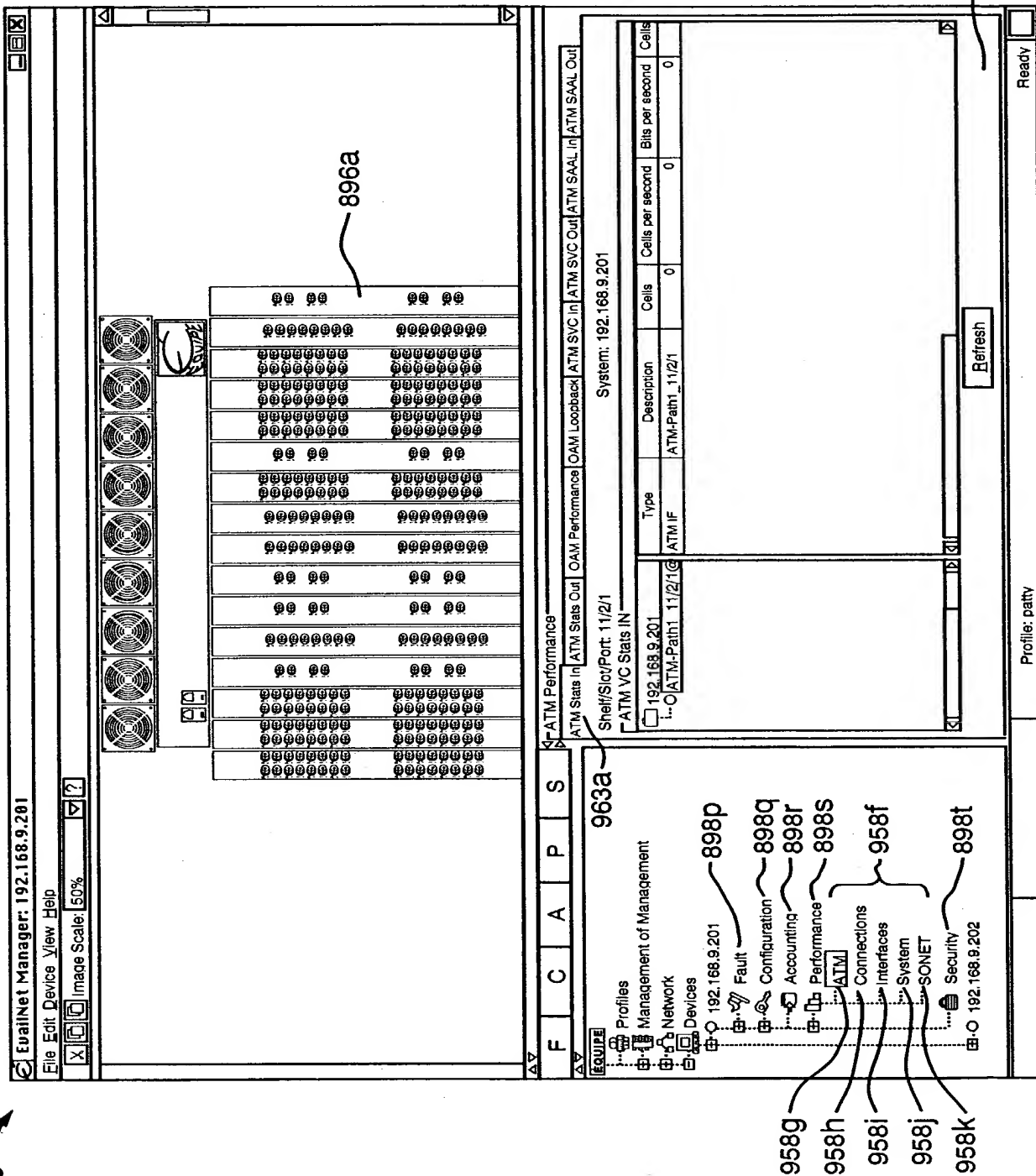


FIG. 70

895

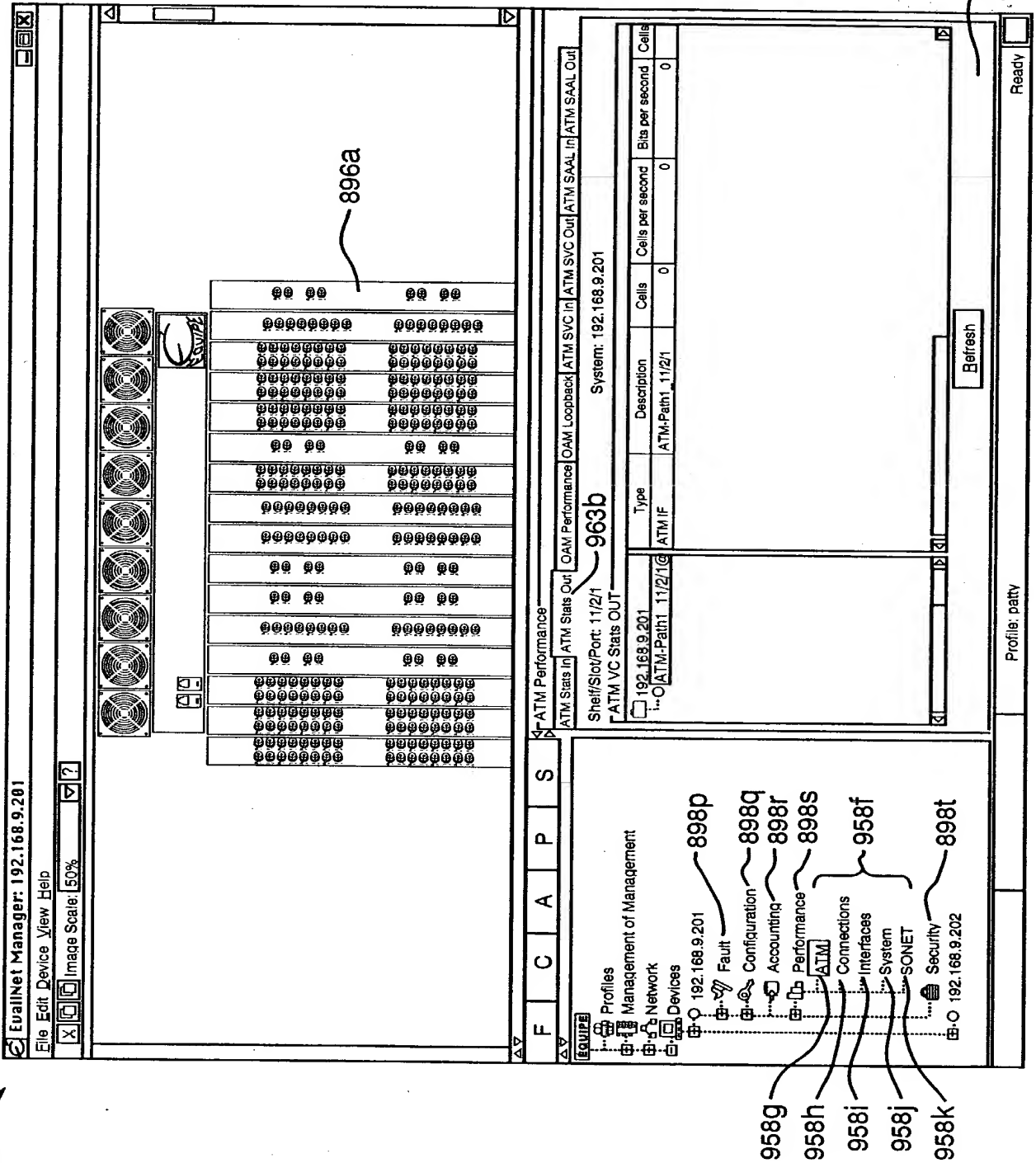


FIG. 7P

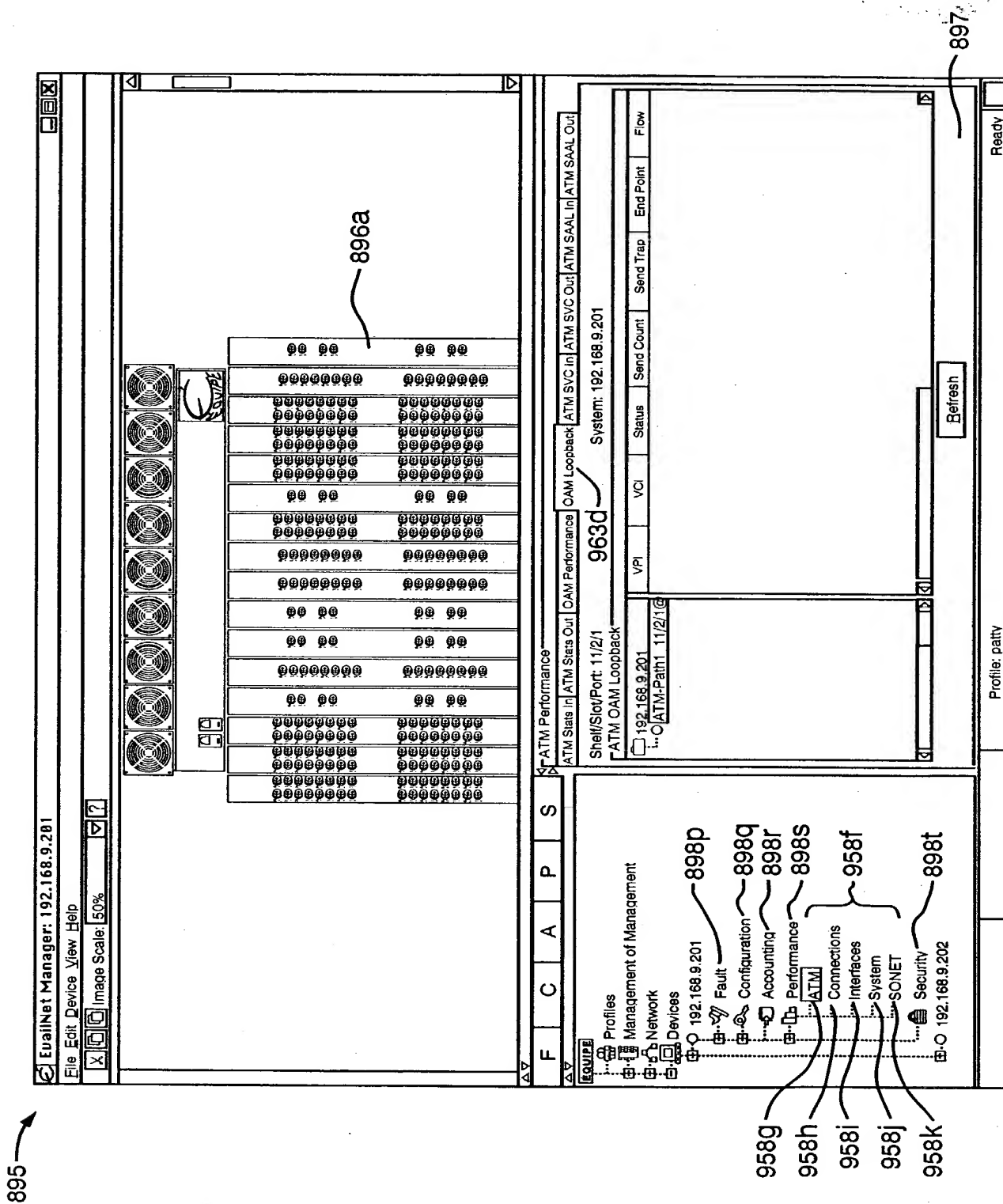
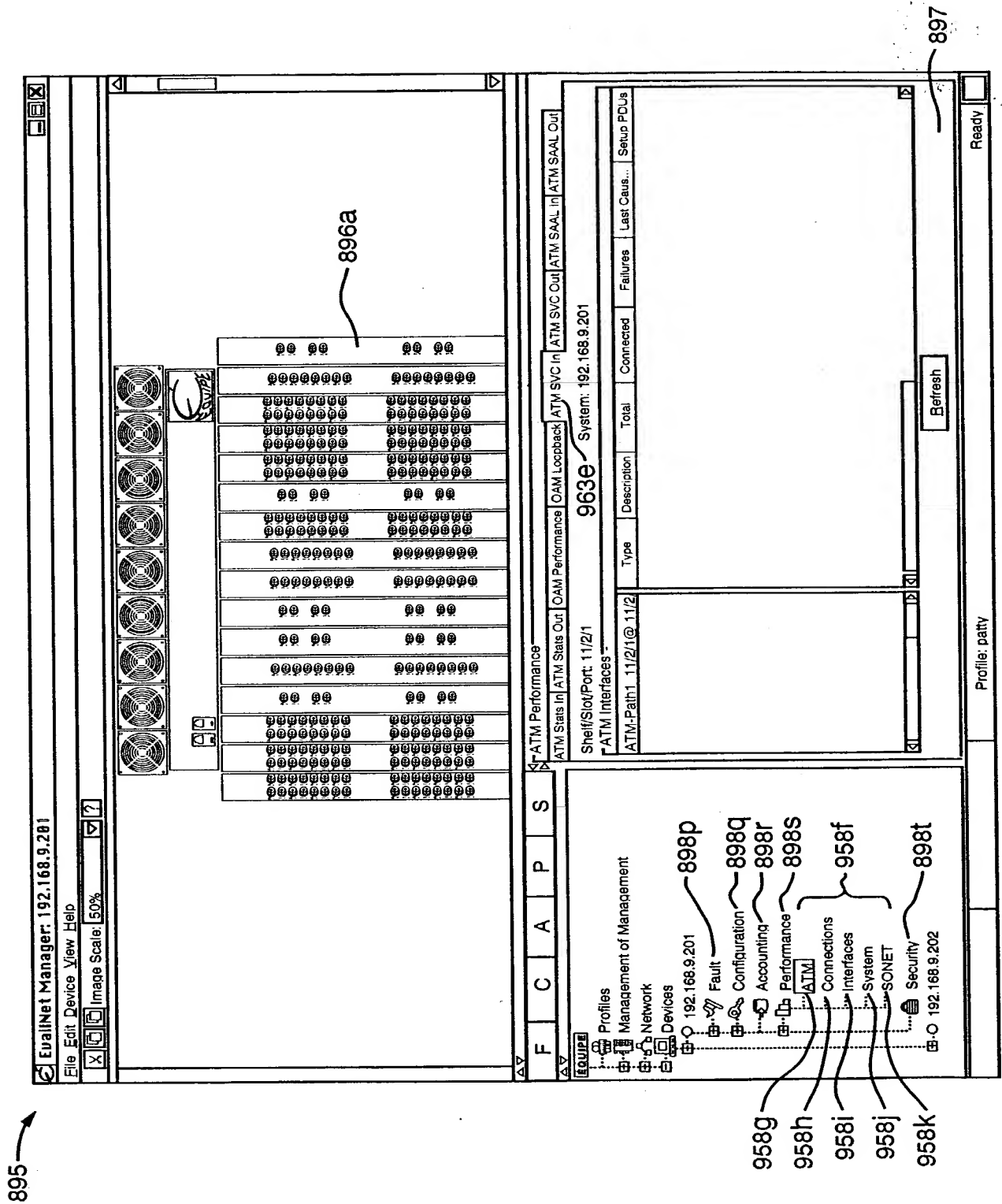


FIG. 7R

110/289



895

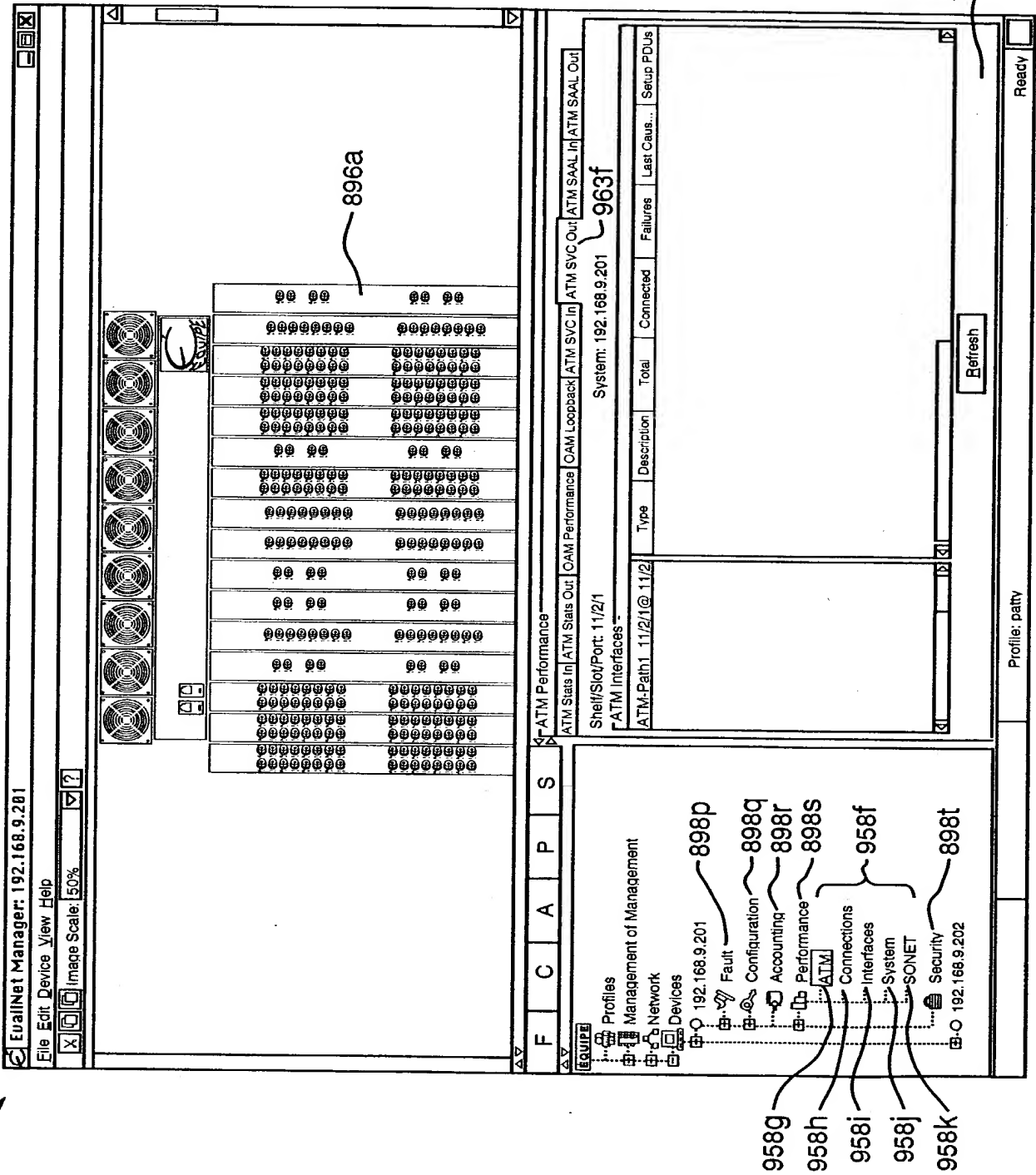


FIG. 7T

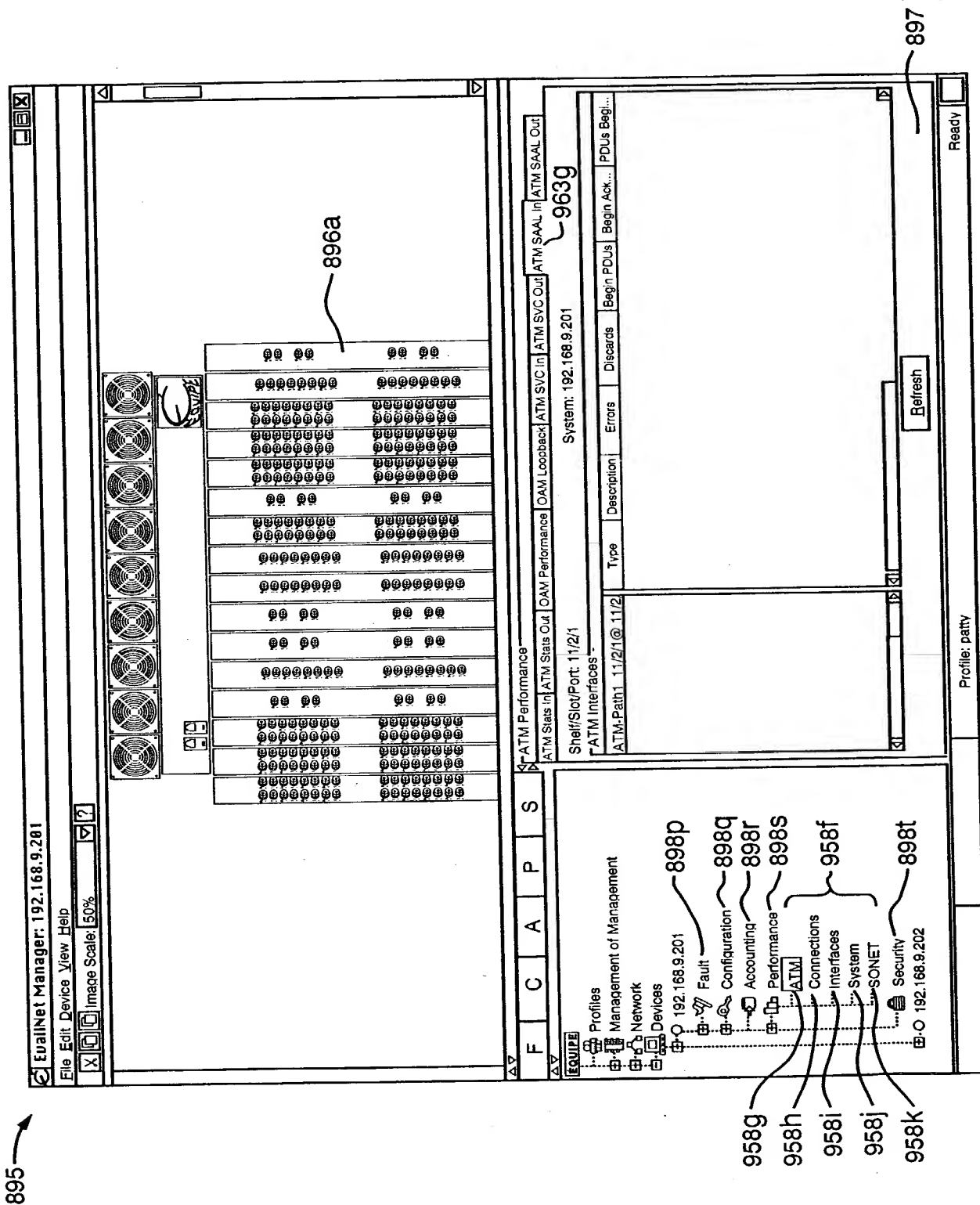
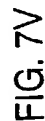


FIG. 7U



895

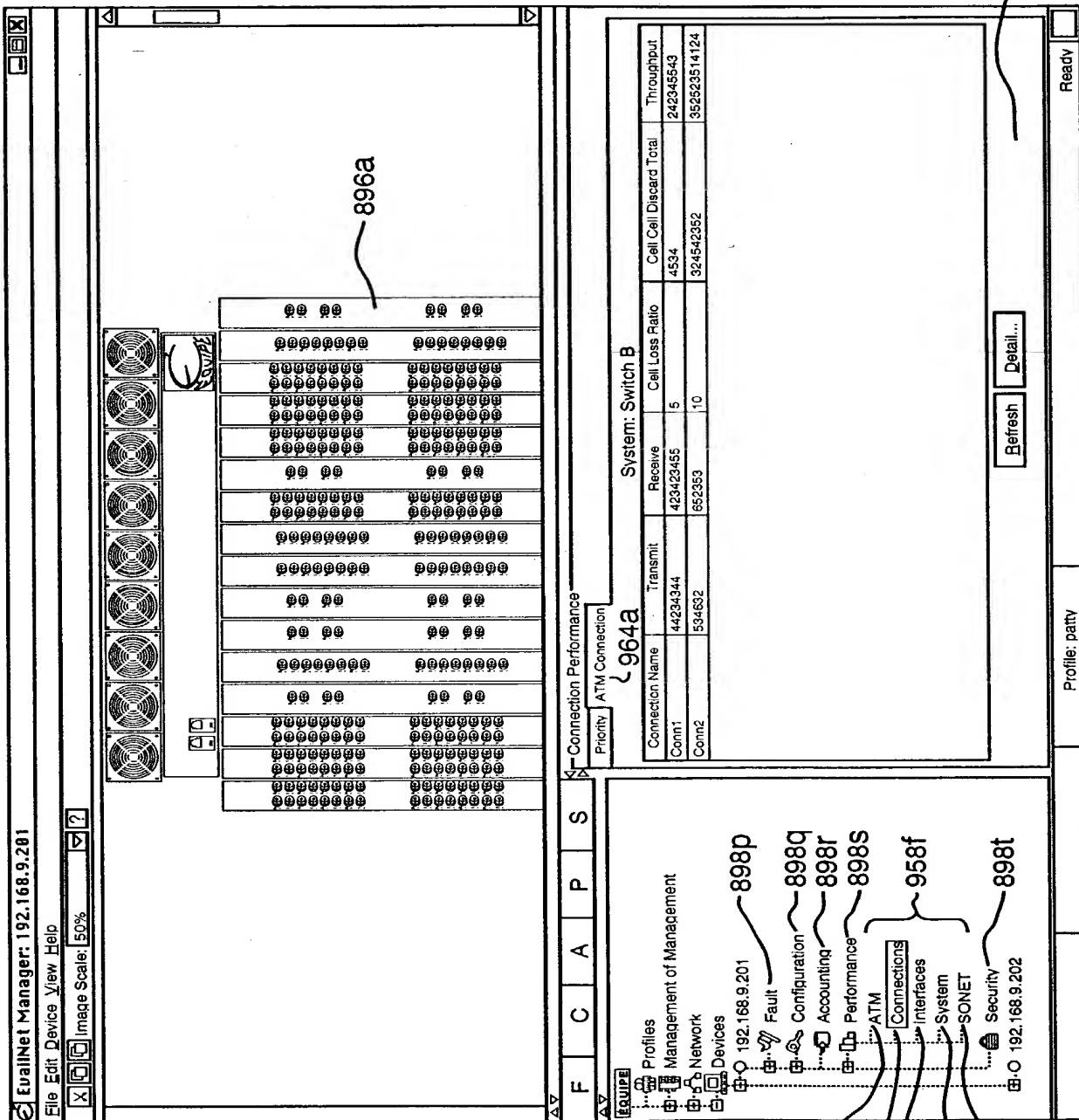


FIG. 7W

115/289

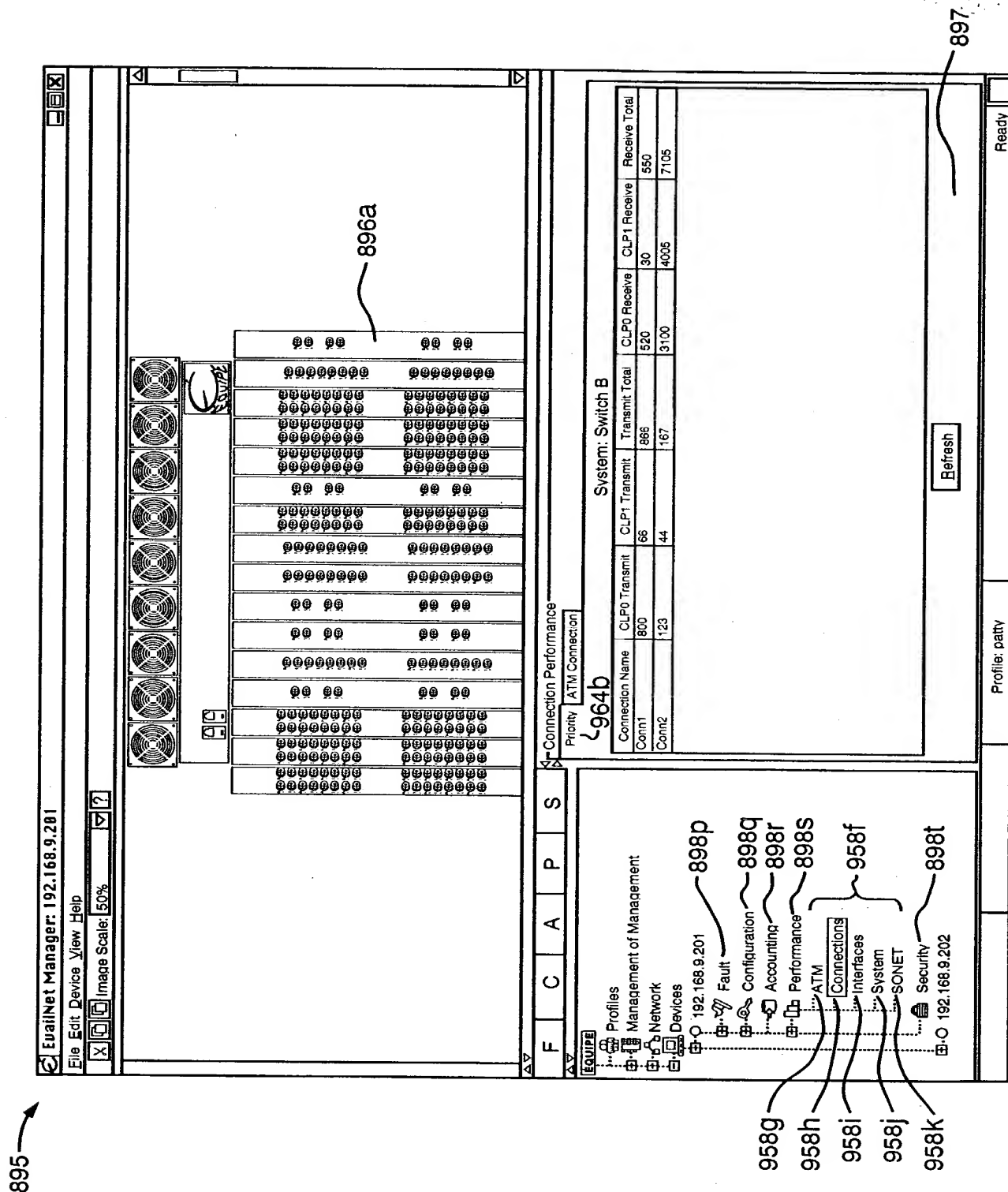


FIG. 7X

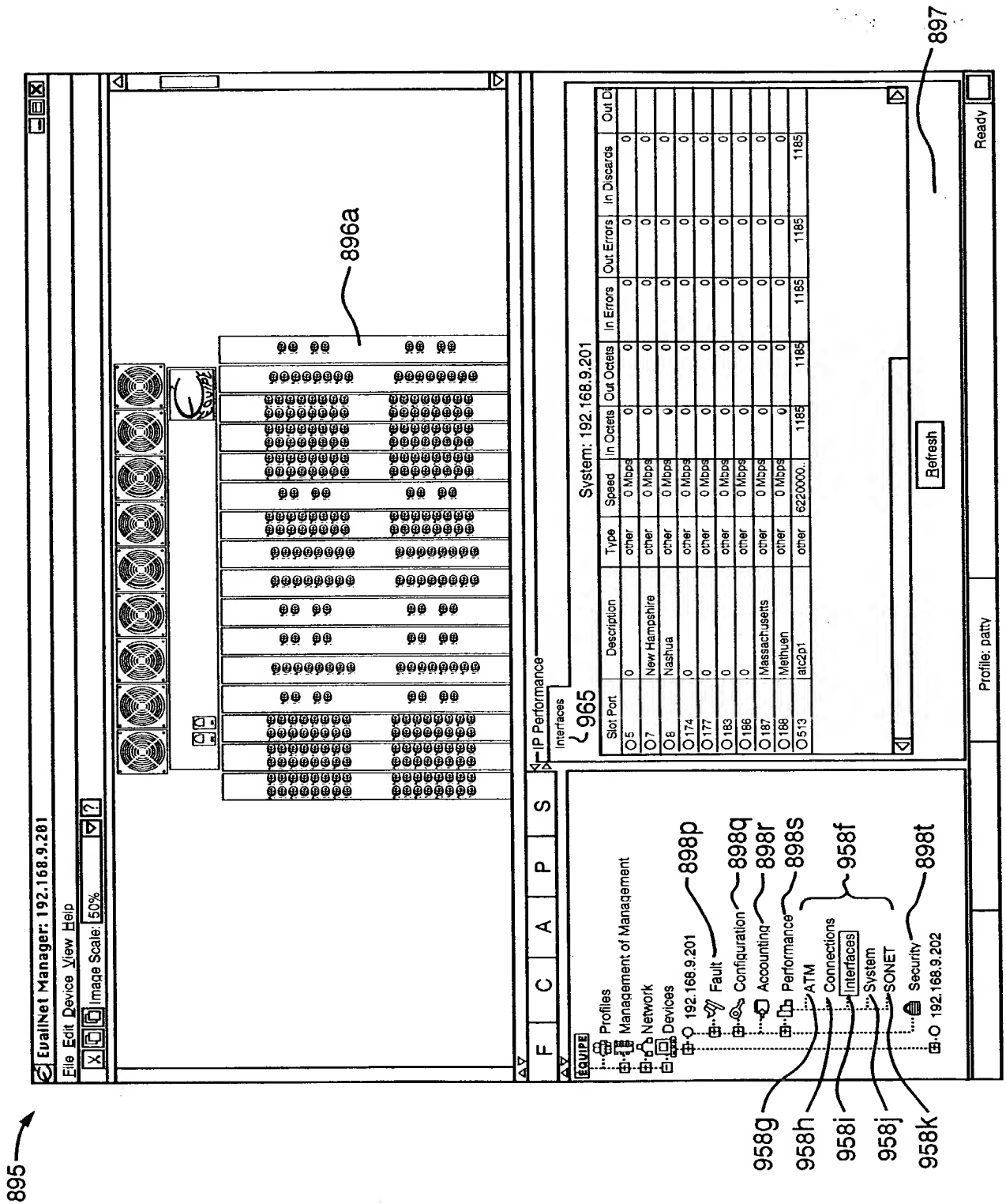
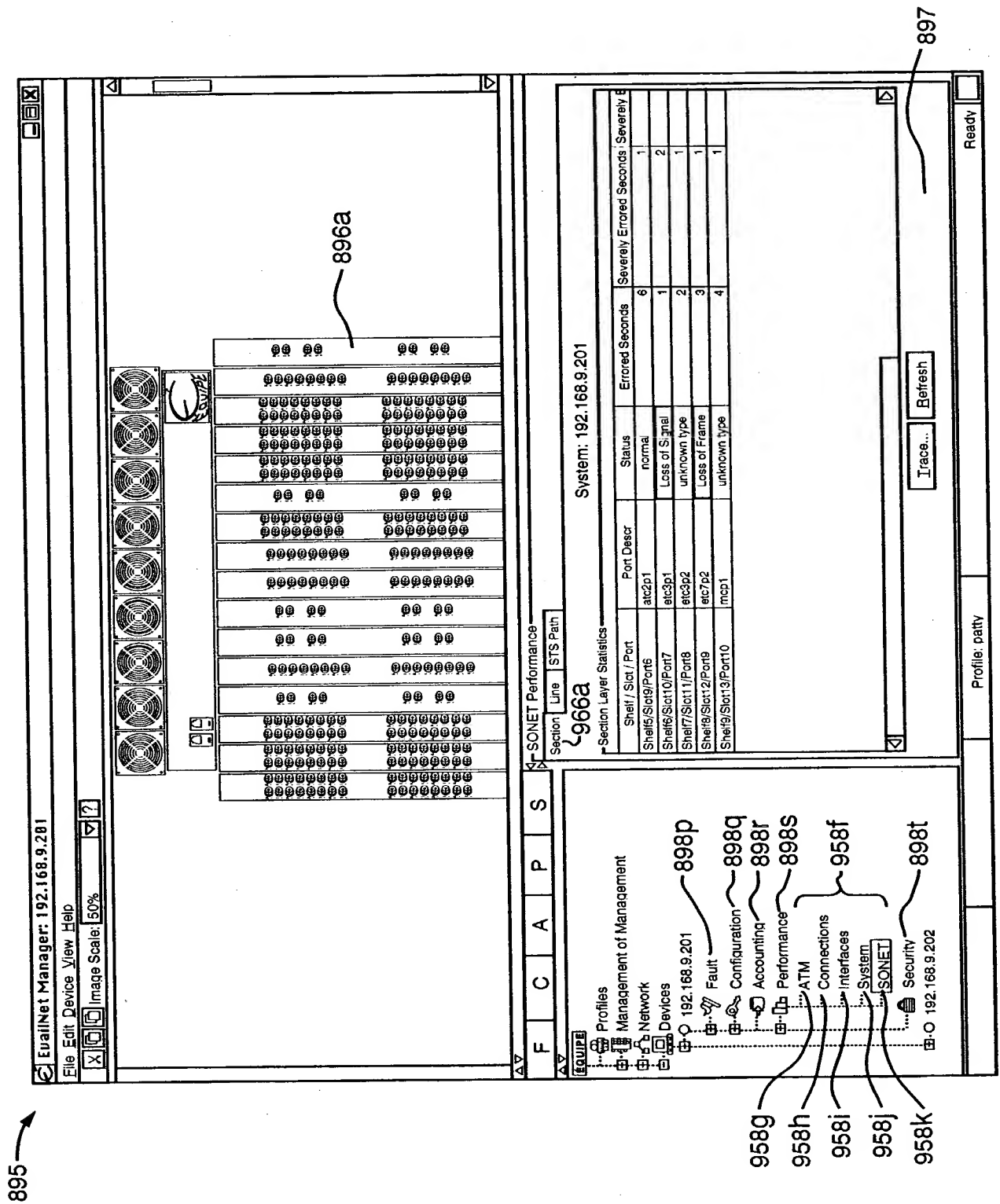


FIG. 7Y



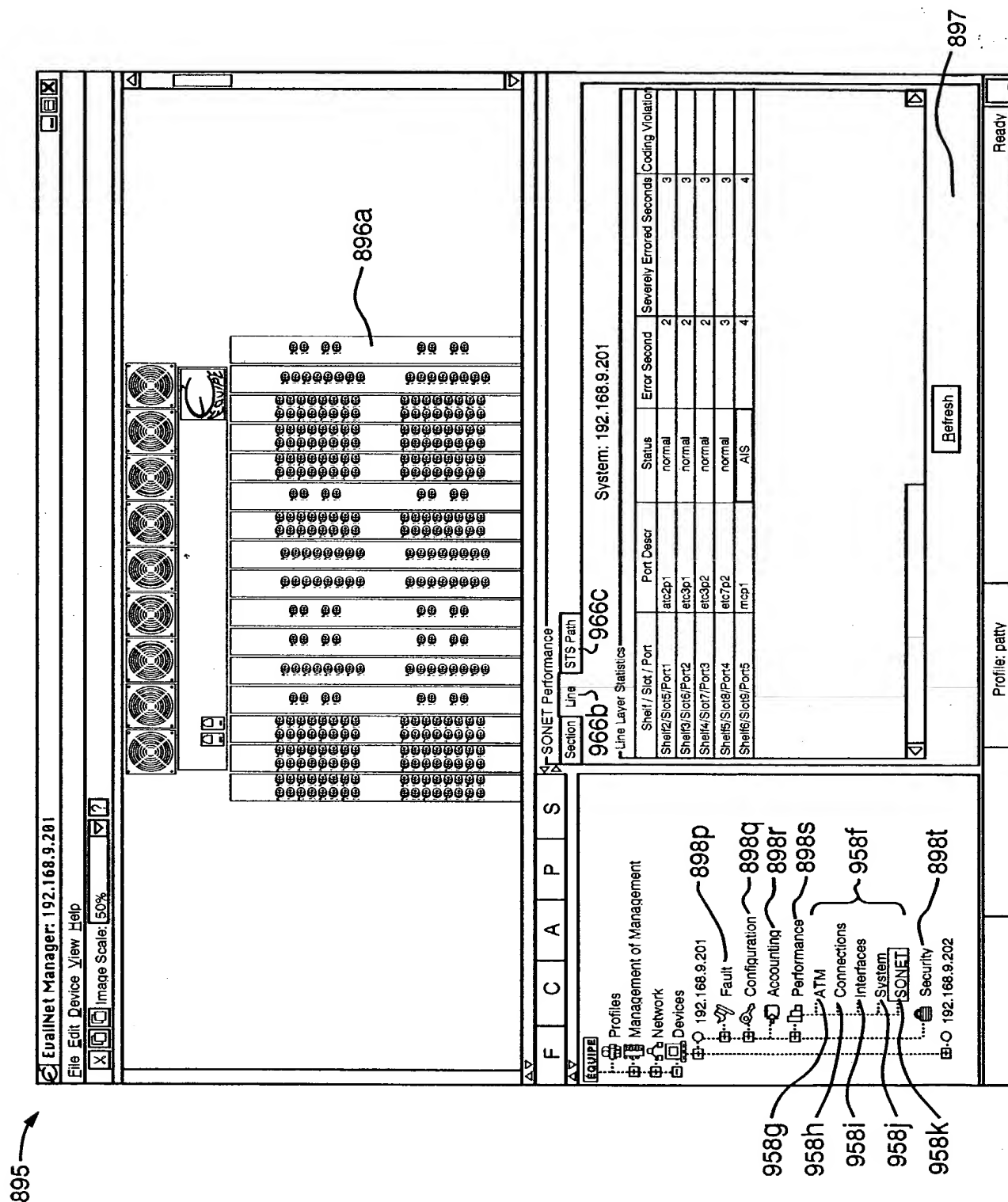
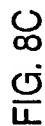


FIG. 8B



120/289

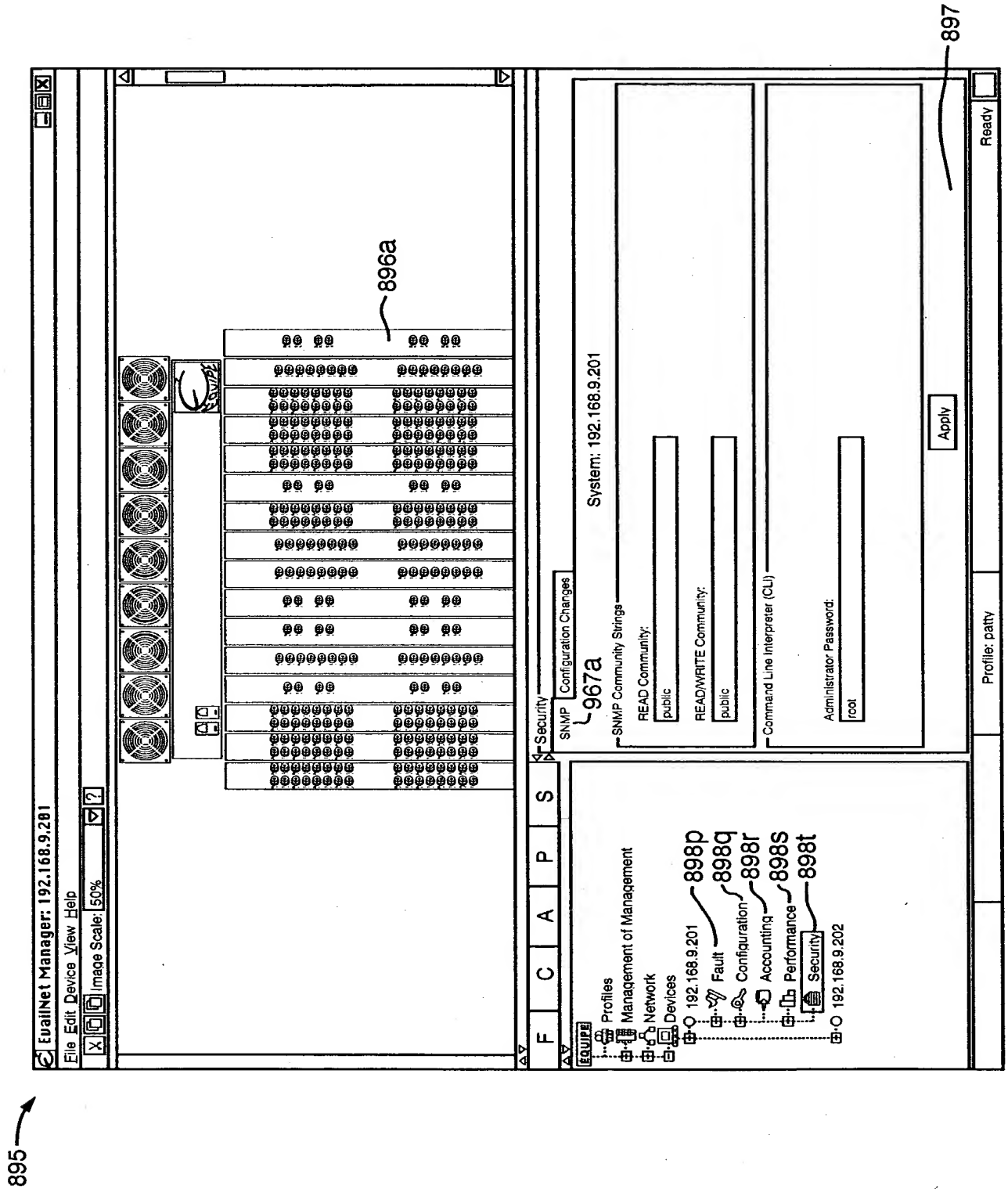
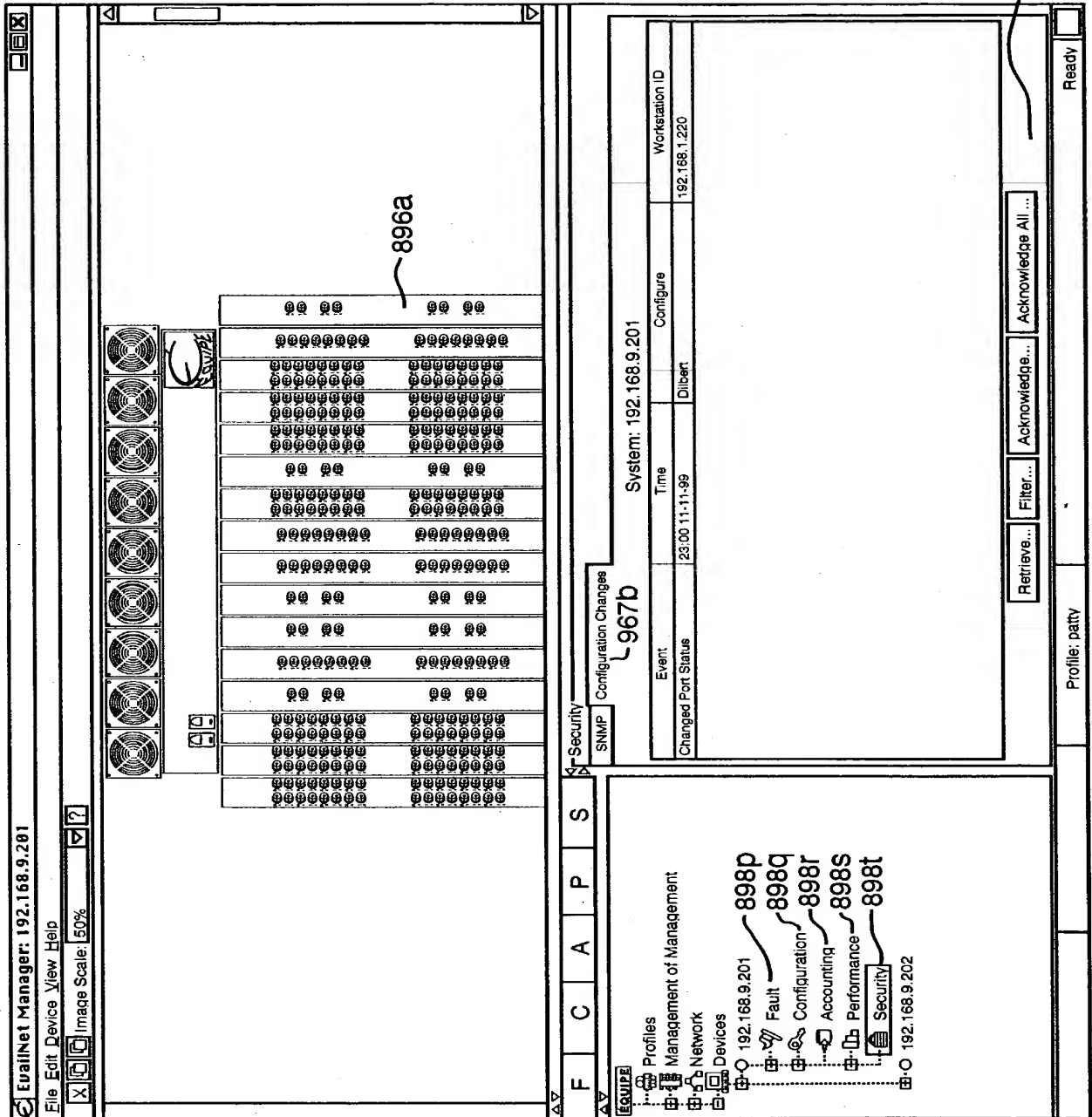


FIG. 8D

895

897



895

EvalNet Manager: 192.168.9.201

File Edit Device View Help

Imaq Preferences Refresh Modules Toolbox Bulletin Bd

968b 968a

System: 192.168.9.201

Configuration

System Modules Ports SONEt Interfaces SONEt Ports ATM Interfaces Virtual ATM Interfaces Virtual Connections

System Name: EBOX

System Description: Équipe EBOX B1

System Contact: NMS SQA

System Location: NMS LAB

System IP Address: 192.168.9.201

System Up Time: 60985554

System ID: 1.3.6.1.4.1.5022.1.1

System Services: Data-Link

Apply Refresh Reset System...

Server: 192.168.1.228 Mode: On-line Profile: patty Ready

FIG. 9A

123/289

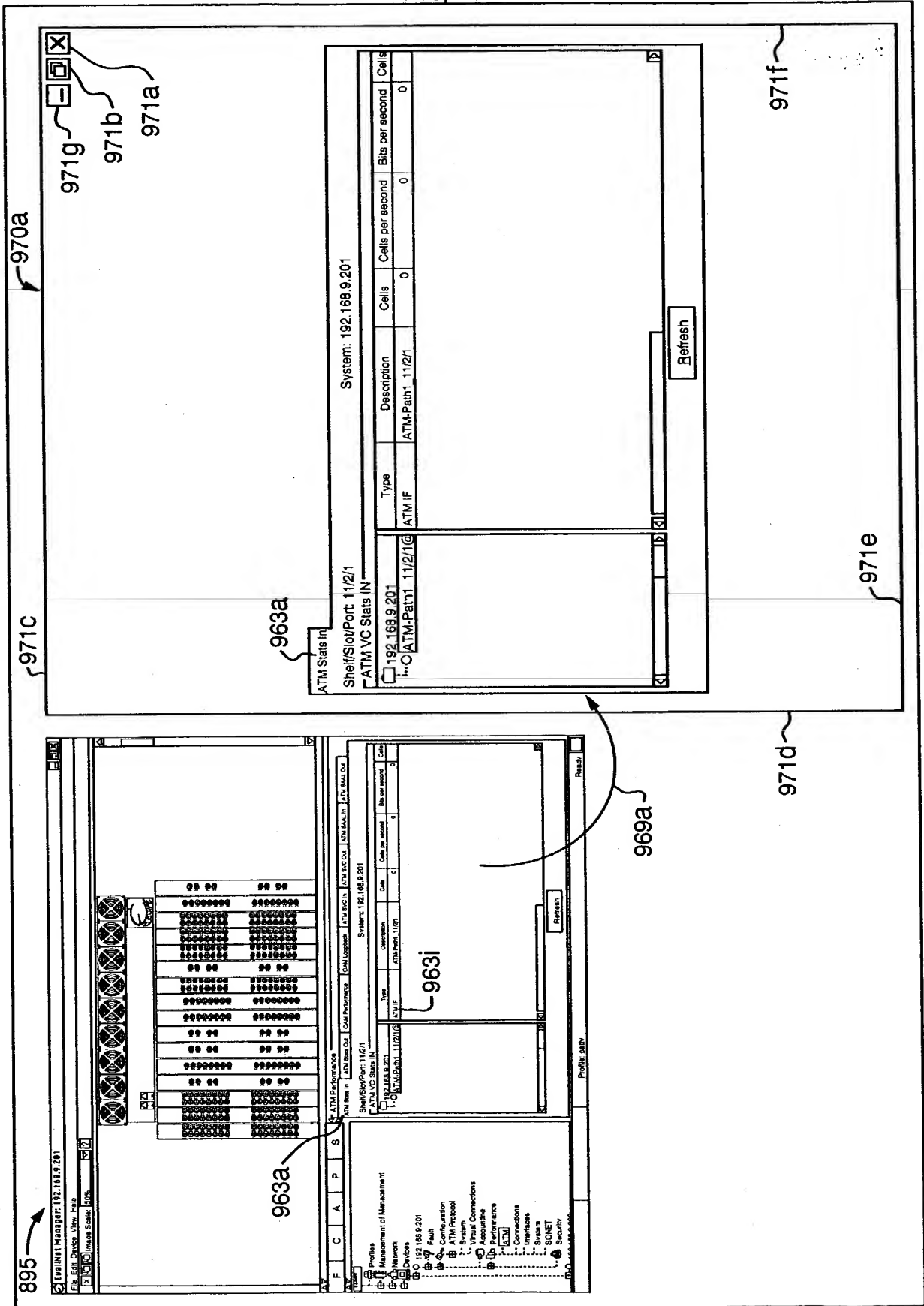


FIG. 9B

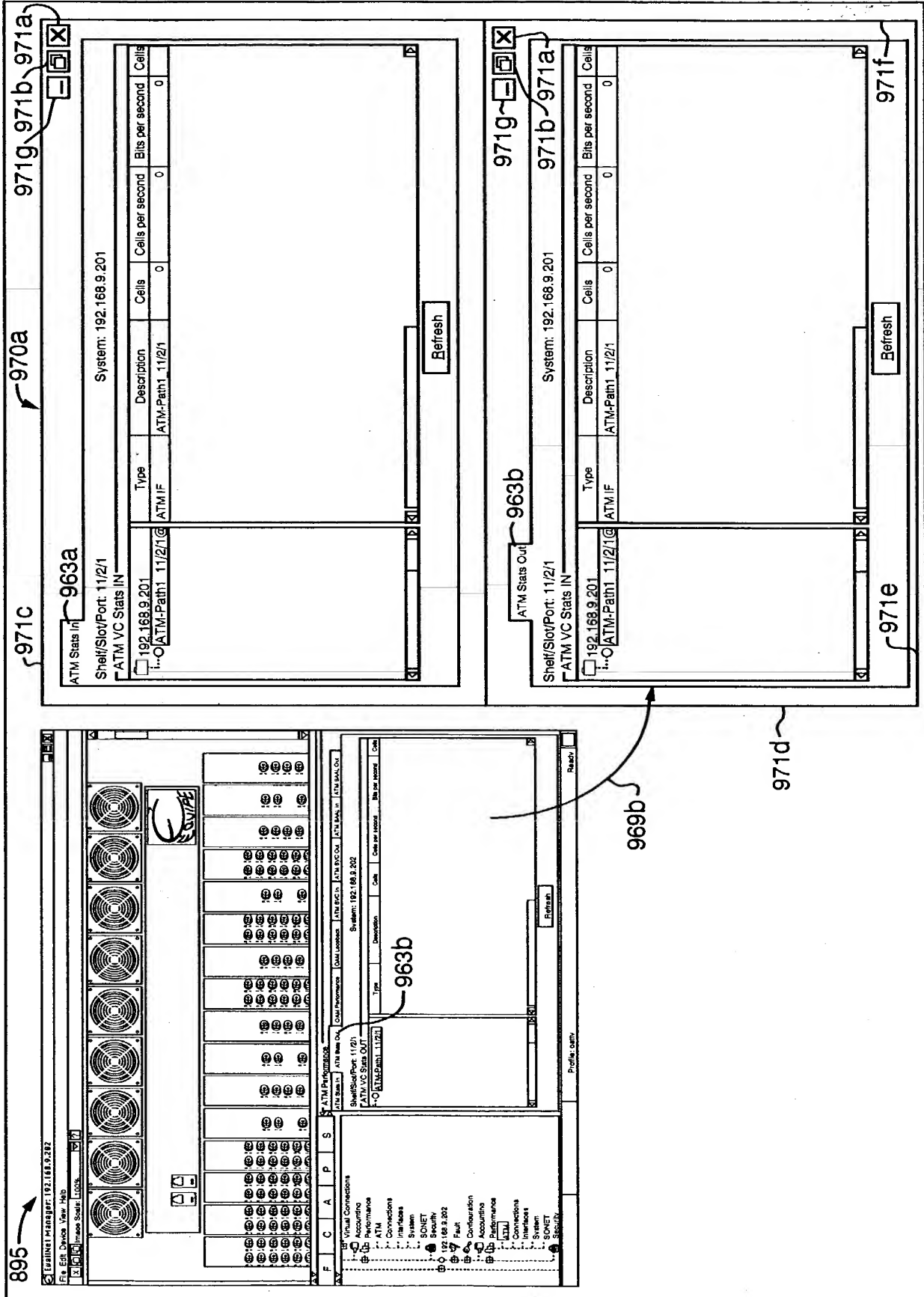


FIG. 9C

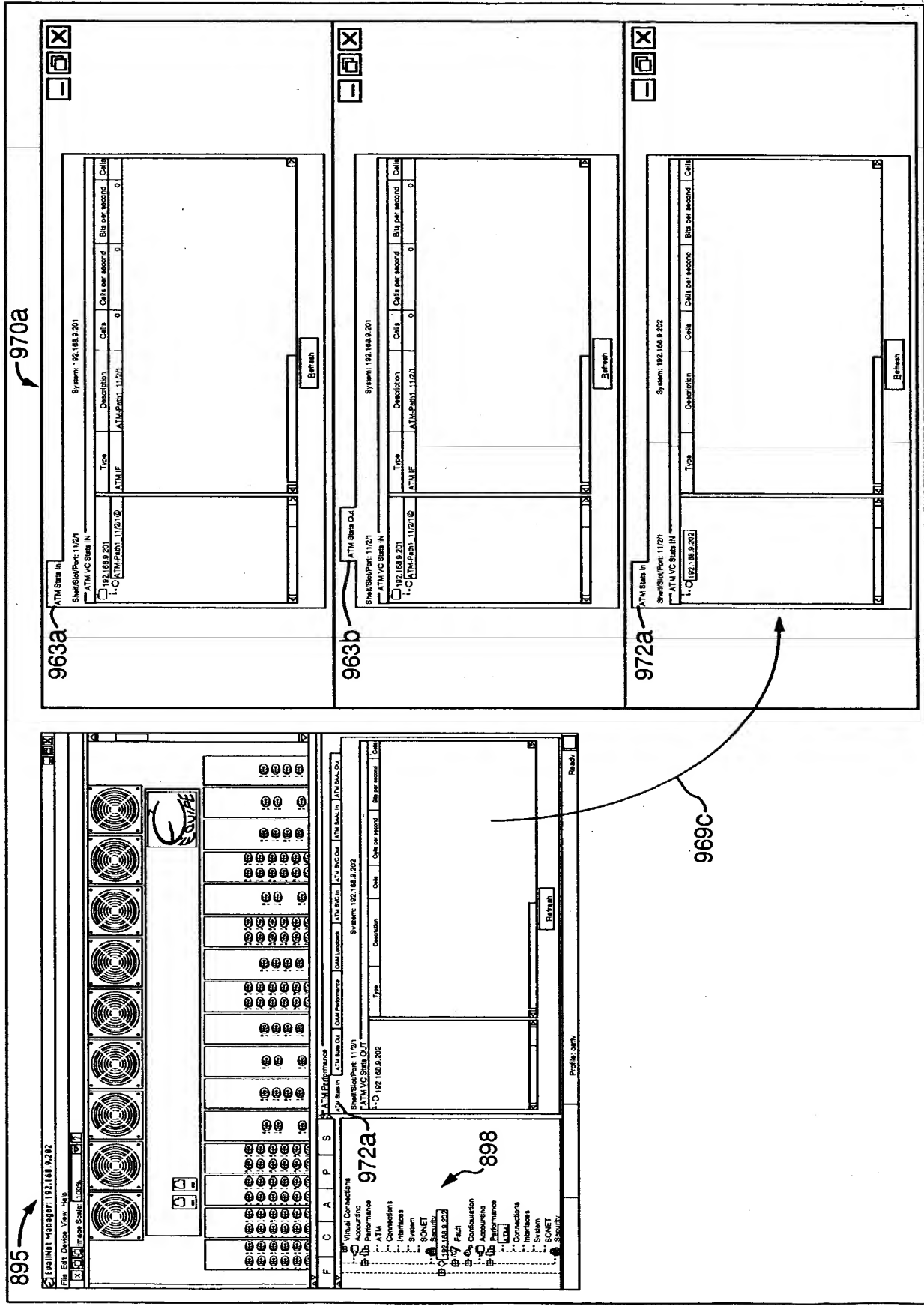


FIG. 9D

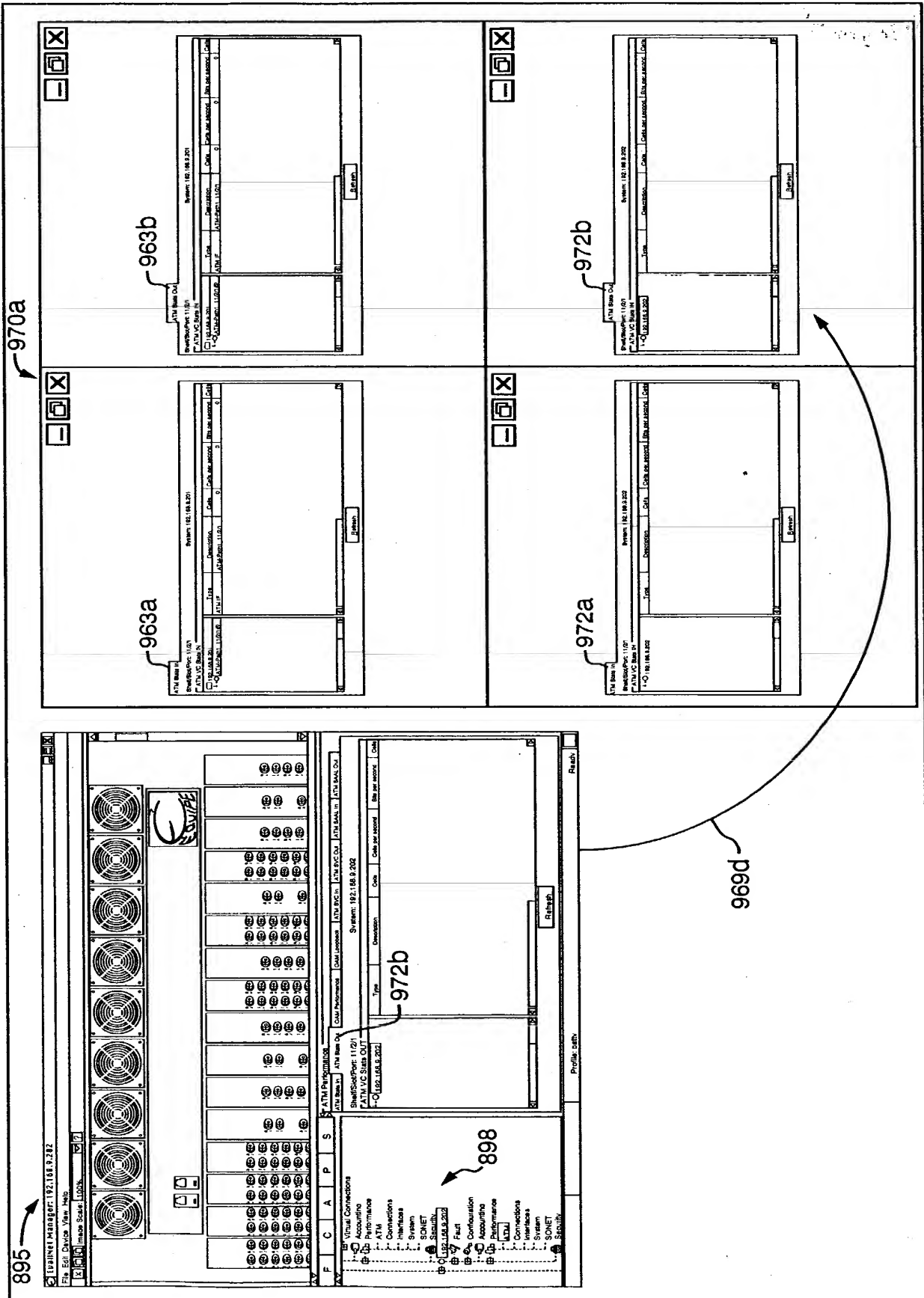


FIG. 9E

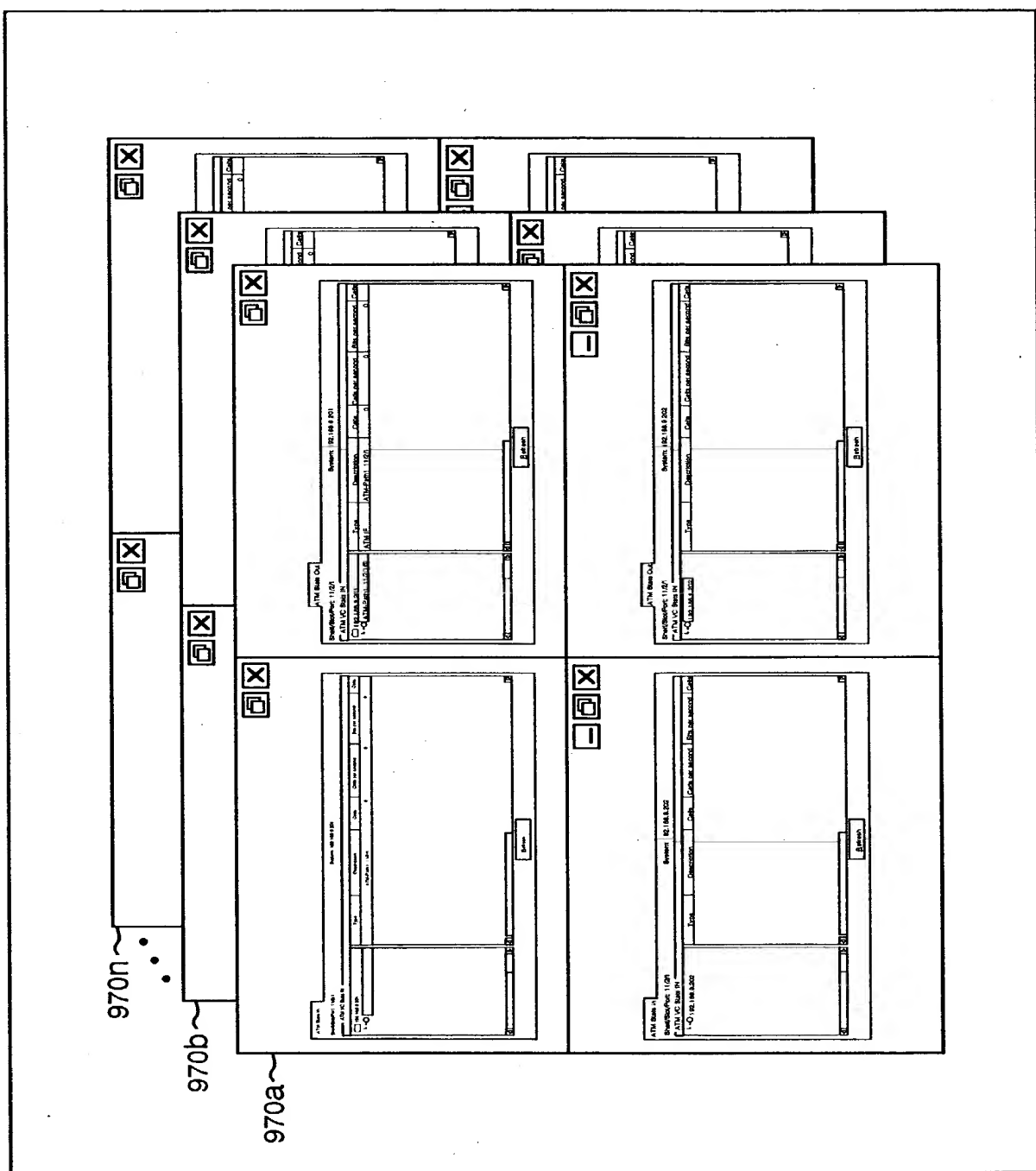


FIG. 9F

ATM Stats Out
963b

Shelf/Slot/Port 11/2/1
System: 192.168.9.201

ATM VC Stats OUT

System: 192.168.9.201
ATM Path1_11/2/1

Type	Description	Cells	Cells per Second	Bits per Second	Cells
ATM IF	ATM-Path_11/2/1	0	0	0	0

Refresh

ATM Stats In
963a

Shelf/Slot/Port 11/2/1
System: 192.168.9.201

ATM VC Stats IN

System: 192.168.9.201
ATM Path1_11/2/1

Type	Description	Cells	Cells per Second	Bits per Second	Cells
ATM IF	ATM-Path_11/2/1	0	0	0	0

Refresh

ATM Stats Out
963b

Shelf/Slot/Port 11/2/1
System: 192.168.9.201

ATM VC Stats OUT

System: 192.168.9.201
ATM Path1_11/2/1

Type	Description	Cells	Cells per Second	Bits per Second	Cells
ATM IF	ATM-Path_11/2/1	0	0	0	0

Refresh

ATM Stats In
963a

Shelf/Slot/Port 11/2/1
System: 192.168.9.201

ATM VC Stats IN

System: 192.168.9.201
ATM Path1_11/2/1

Type	Description	Cells	Cells per Second	Bits per Second	Cells
ATM IF	ATM-Path_11/2/1	0	0	0	0

Refresh

ATM Stats Out
963b

Shelf/Slot/Port 11/2/1
System: 192.168.9.201

ATM VC Stats OUT

System: 192.168.9.201
ATM Path1_11/2/1

Type	Description	Cells	Cells per Second	Bits per Second	Cells
ATM IF	ATM-Path_11/2/1	0	0	0	0

Refresh

ATM Stats In
963a

Shelf/Slot/Port 11/2/1
System: 192.168.9.201

ATM VC Stats IN

System: 192.168.9.201
ATM Path1_11/2/1

Type	Description	Cells	Cells per Second	Bits per Second	Cells
ATM IF	ATM-Path_11/2/1	0	0	0	0

Refresh

FIG. 9G



Shelf/Slot/Port 11/2/1
System: 192.168.9.201

ATM VC Stats Out
ATM Stats Out

192.168.9.201

ATM Path1_11/2/1

Type	Description	Cells per Second	Bits per Second	Cells
ATM IF	ATM-Path1_11/2/1	0	0	0

Refresh

System: 192.168.9.201

Type: ATM IF

Description: ATM-Path 1_11/2/1

Cells:

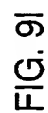
Cells Per Second:

Bits Per Second:

. . .

FIG. 9H

130/289



970a

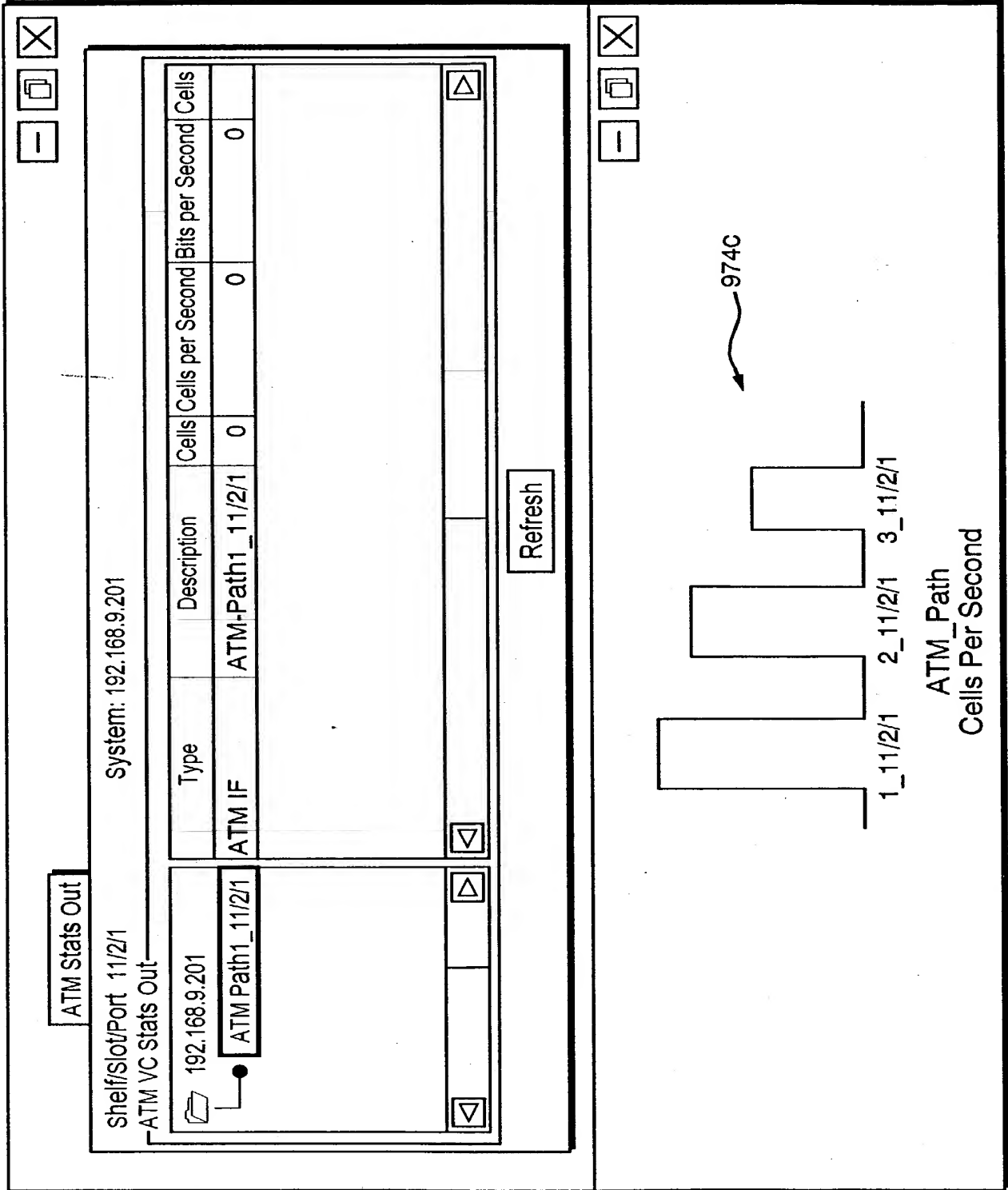


FIG. 9J

ATM Stats Out
System: 192.168.9.201

Shelf/Slot/Port 11/2/1
ATM VC Stats OUT

System: 192.168.9.201

ATM Path1_11/2/1

Type	Description	Cells	Cells per Second	Bits per Second	Cells
ATM IF	ATM-Path_11/2/1	0	0	0	0

Refresh

ATM Interface Properties - 192.168.9.202
X

Shelf/Slot/Port: 11/4/1
Path Name: Path2_11/2/1

ATM Properties
X

Name

Minimum VPI bits

Maximum VPI bits

Minimum VCI bits

Maximum VCI bits

ATM-Path_11/2/1

1

8

5

16

OK

Cancel

FIG. 9K

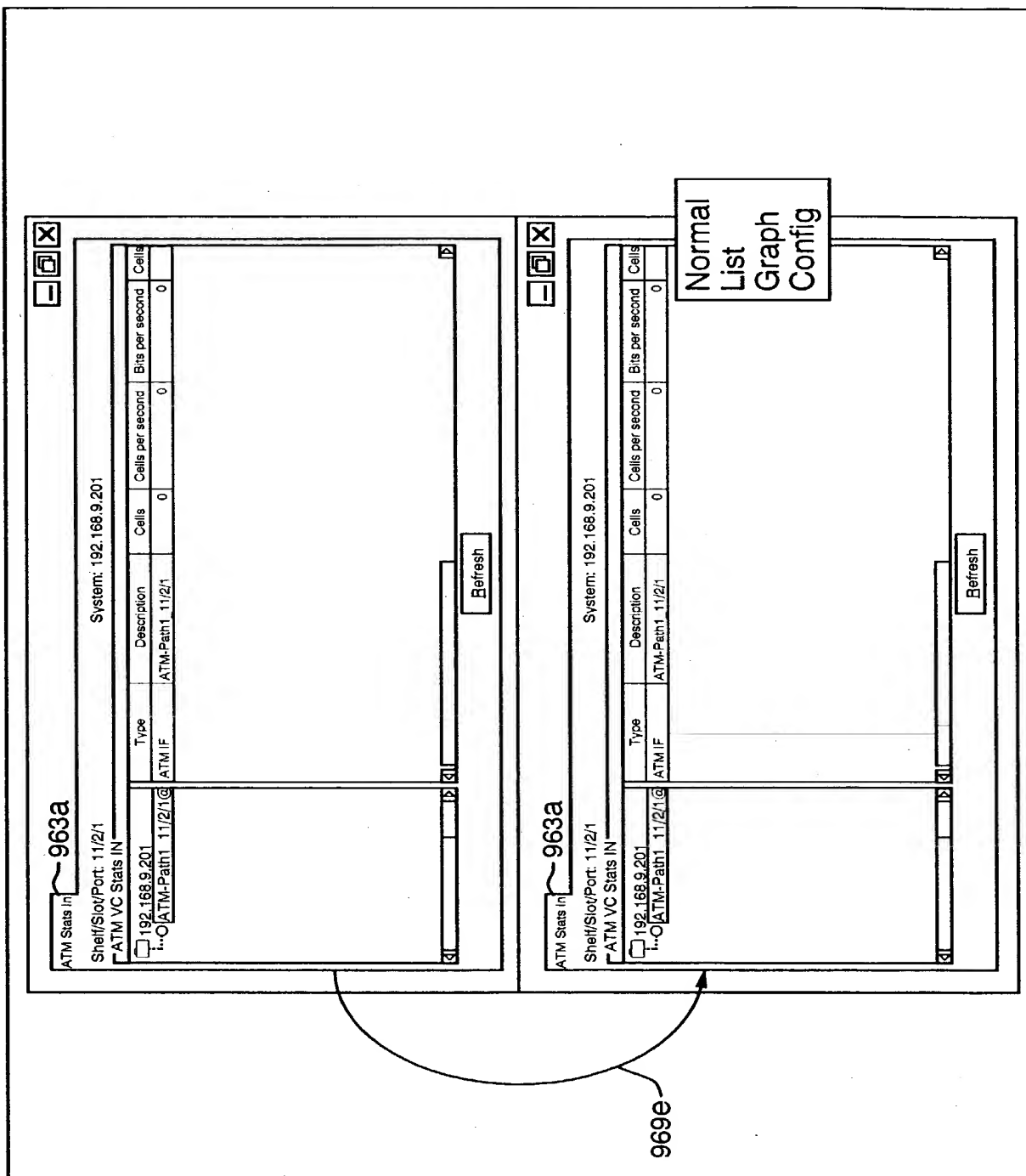


FIG. 9L

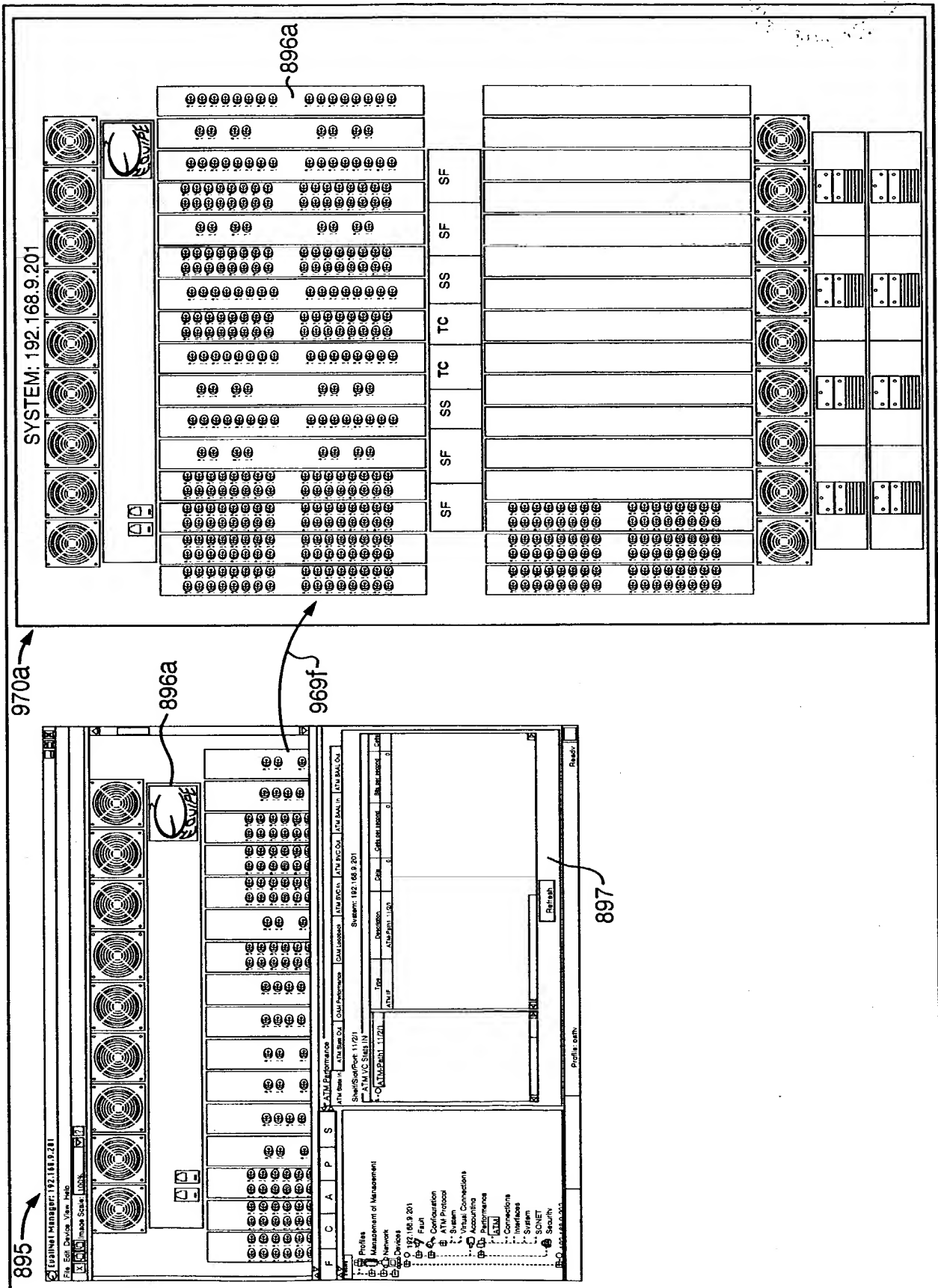


FIG. 9M

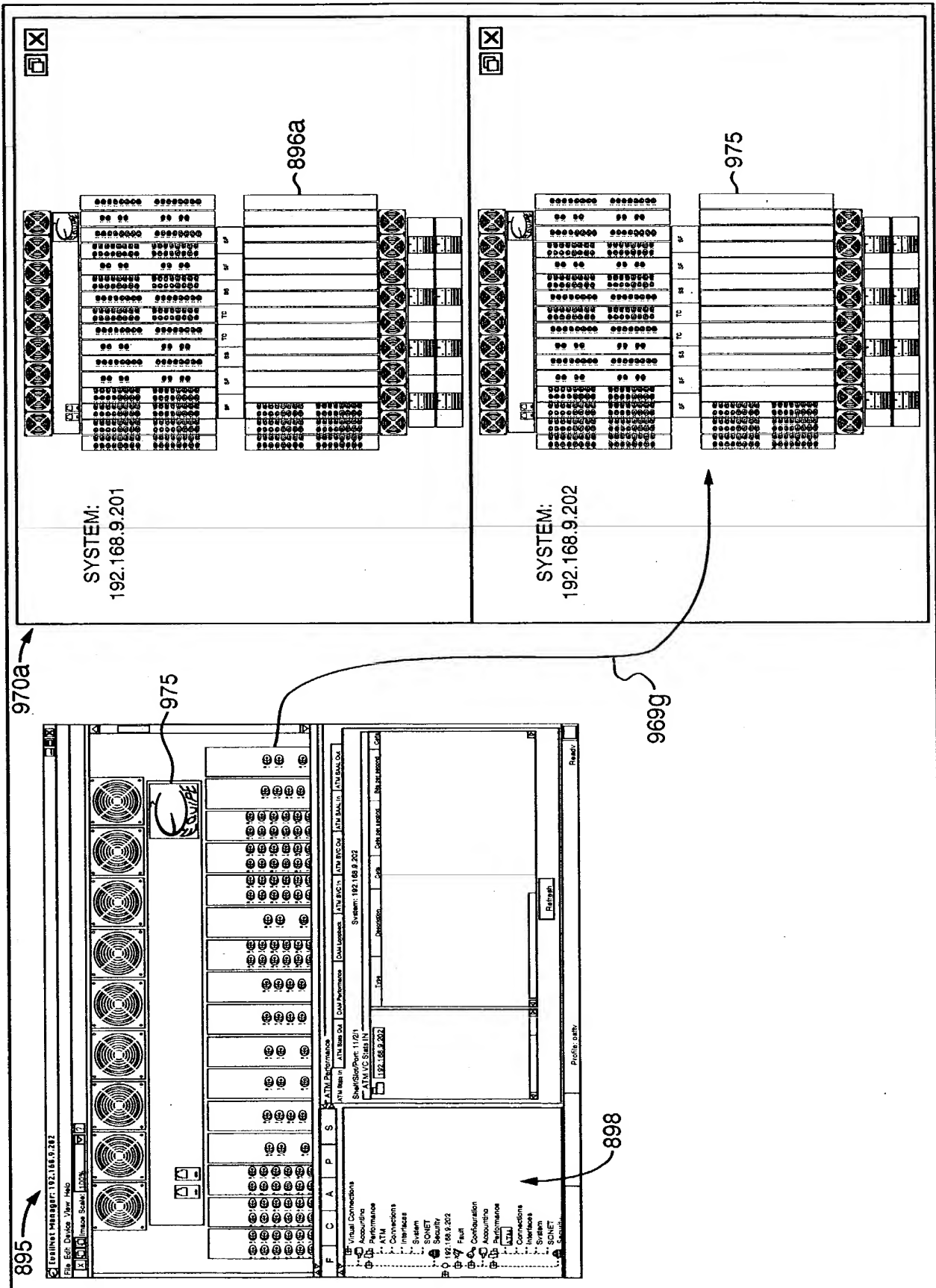


FIG. 9N

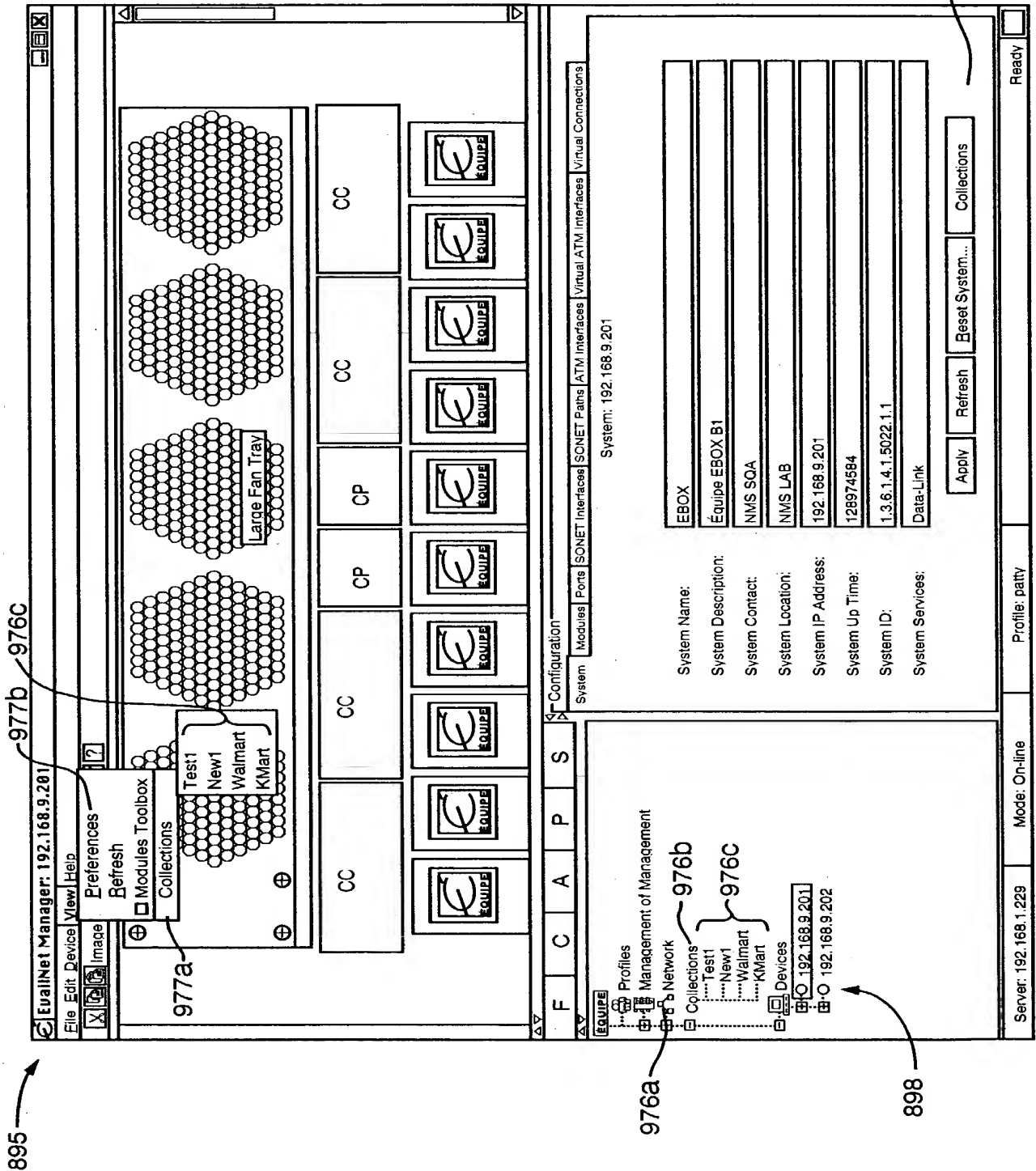


FIG. 10A

895

897

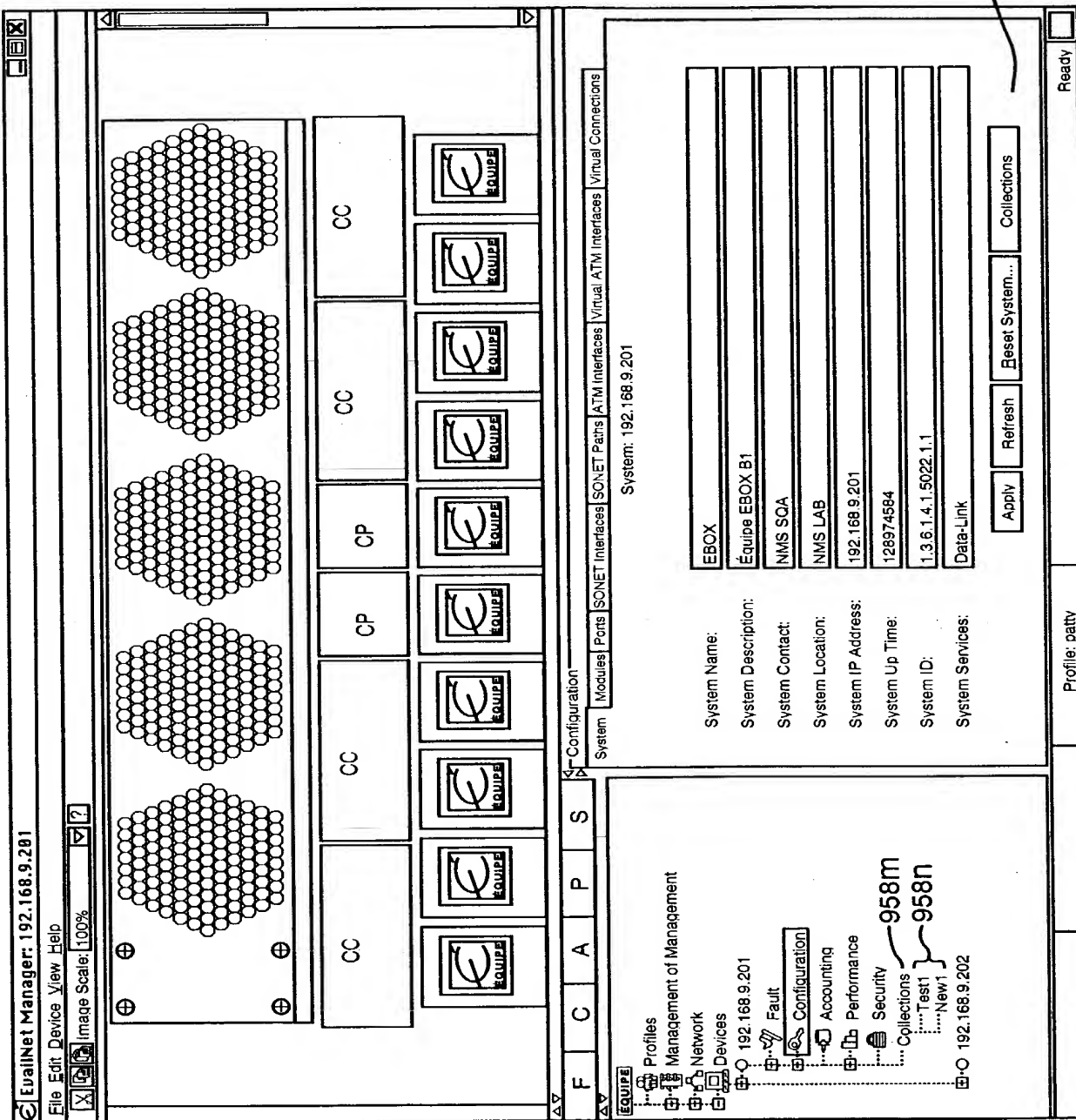


FIG. 10B

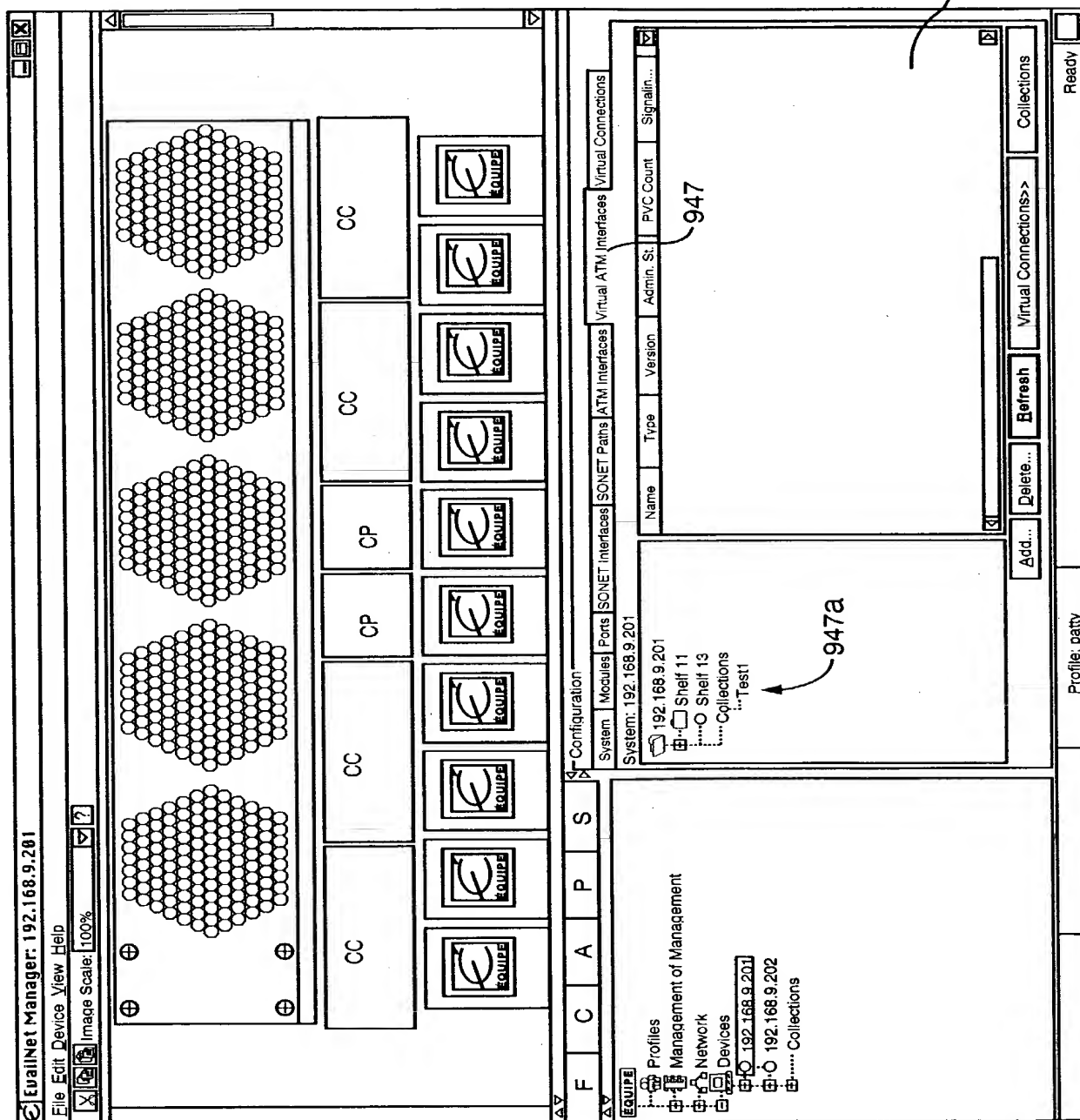


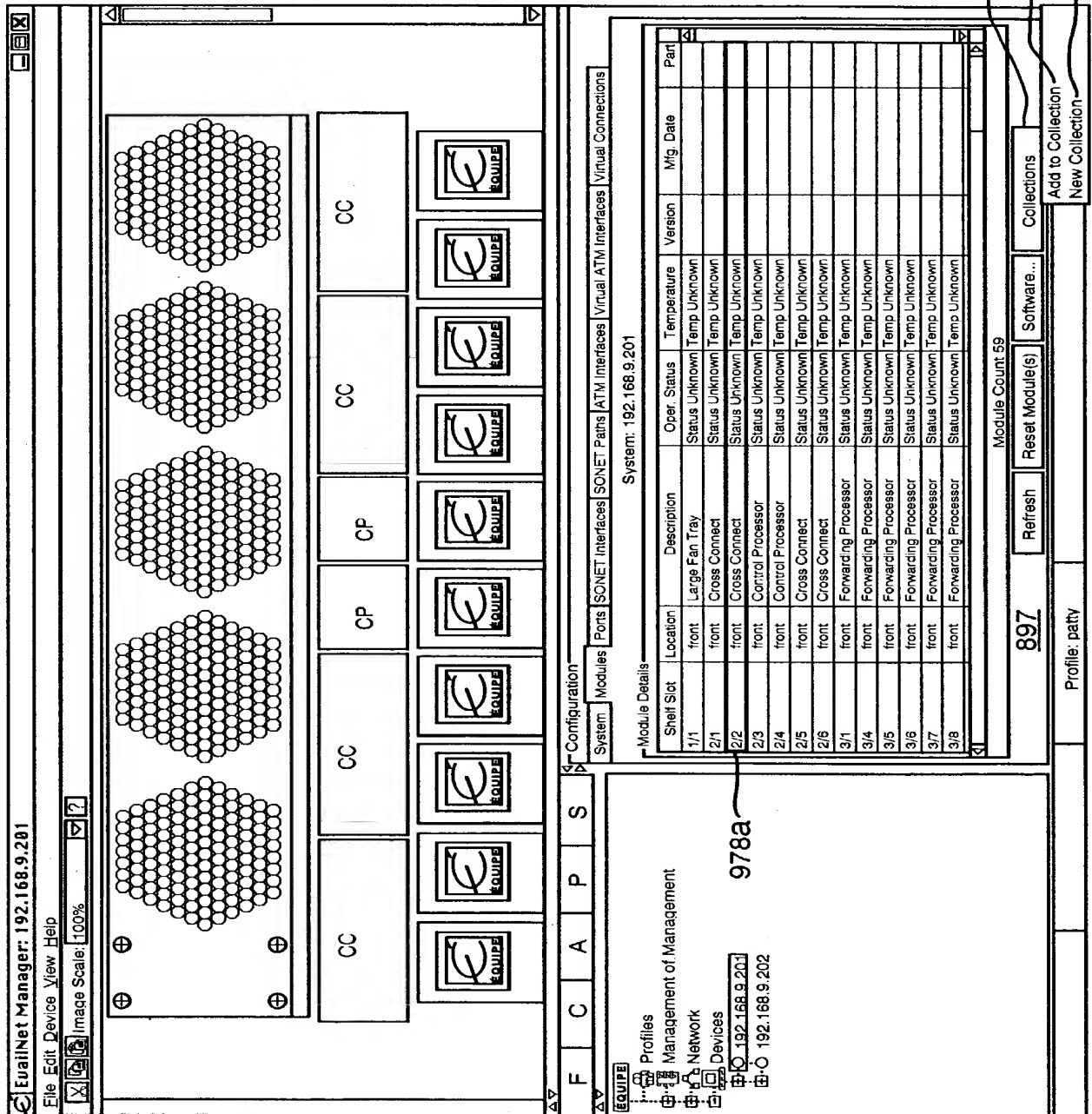
FIG. 10C

139/289

FIG. 10E

FIG. 10F

FIG. 10D



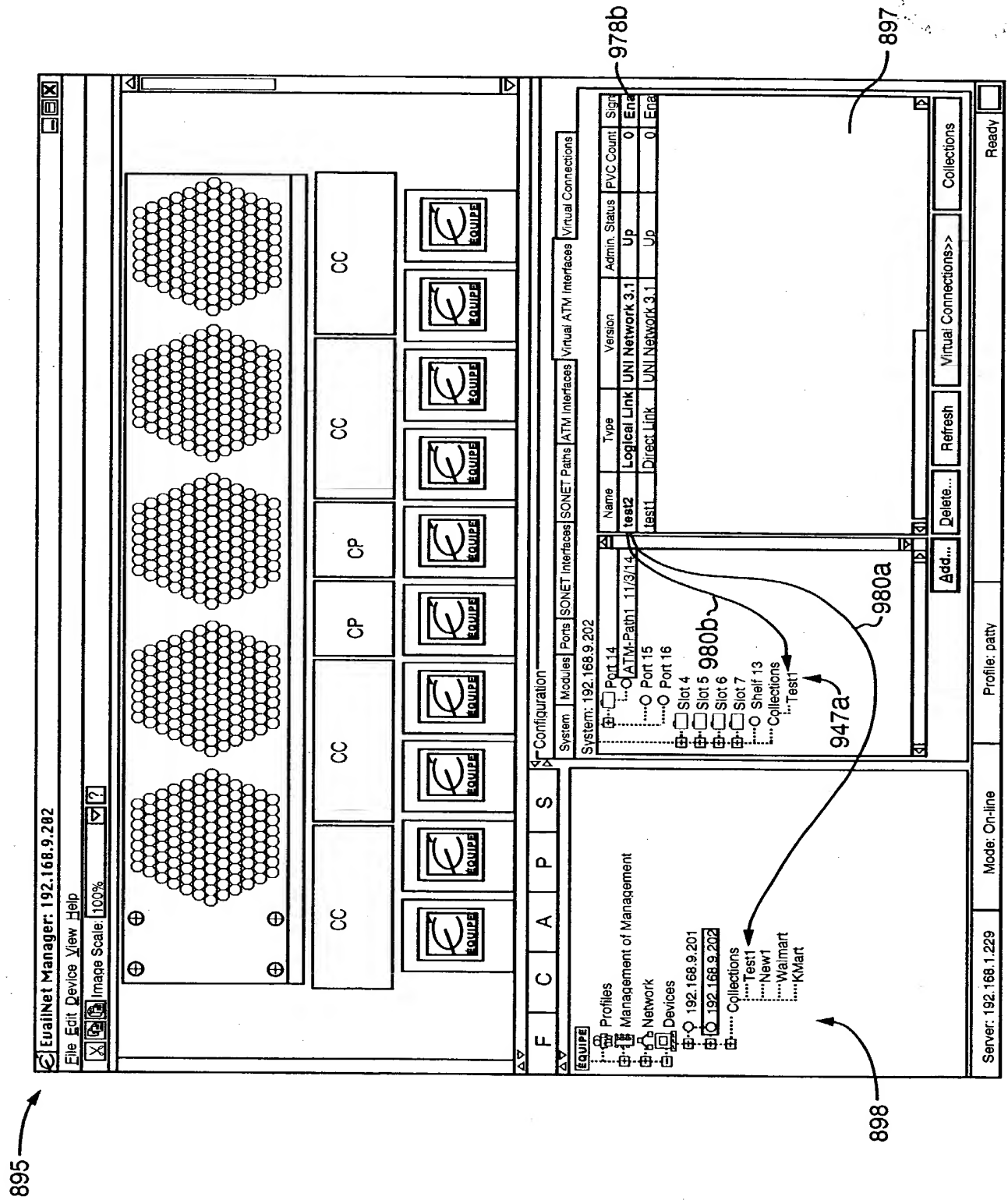


FIG. 10G

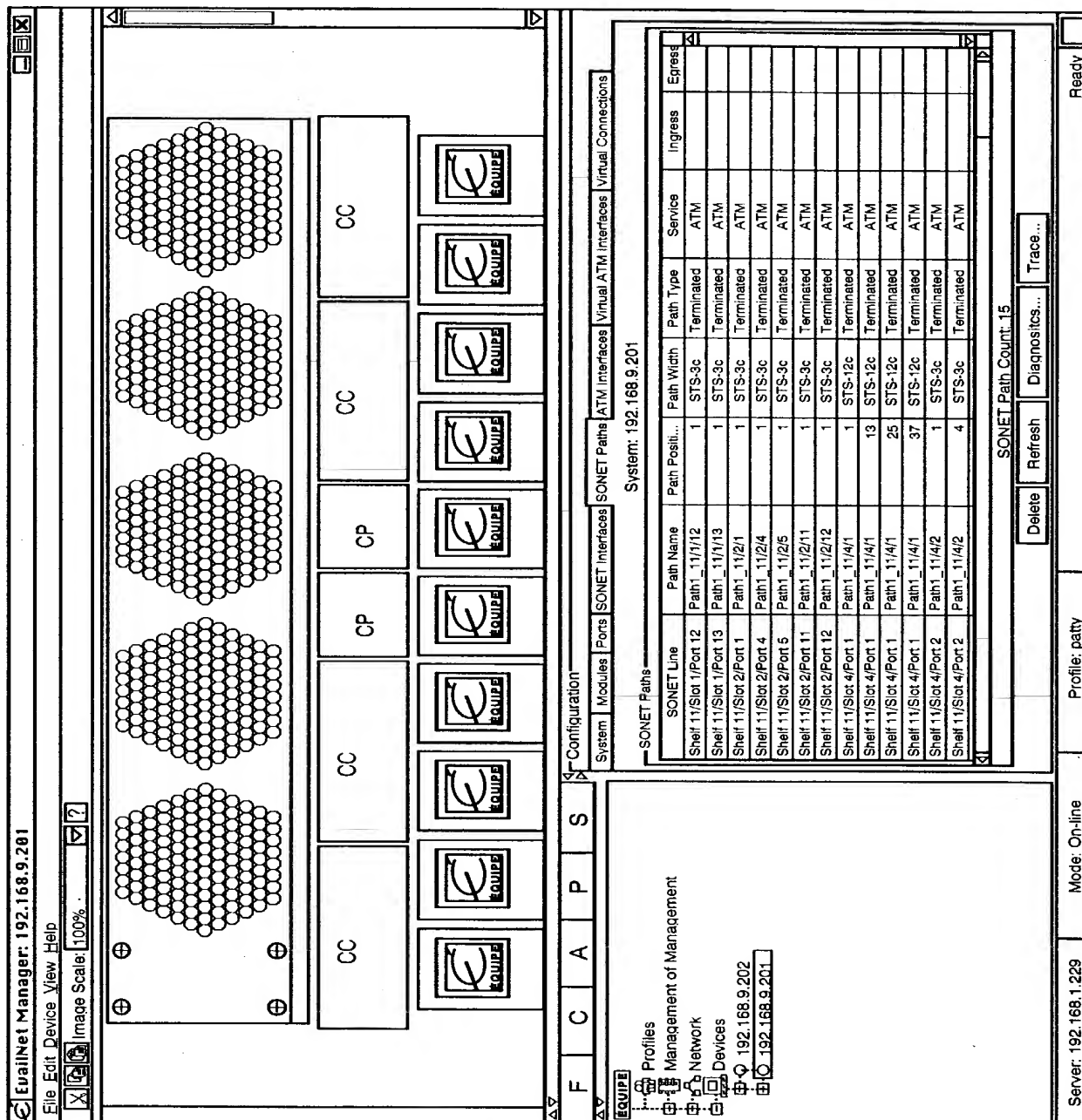
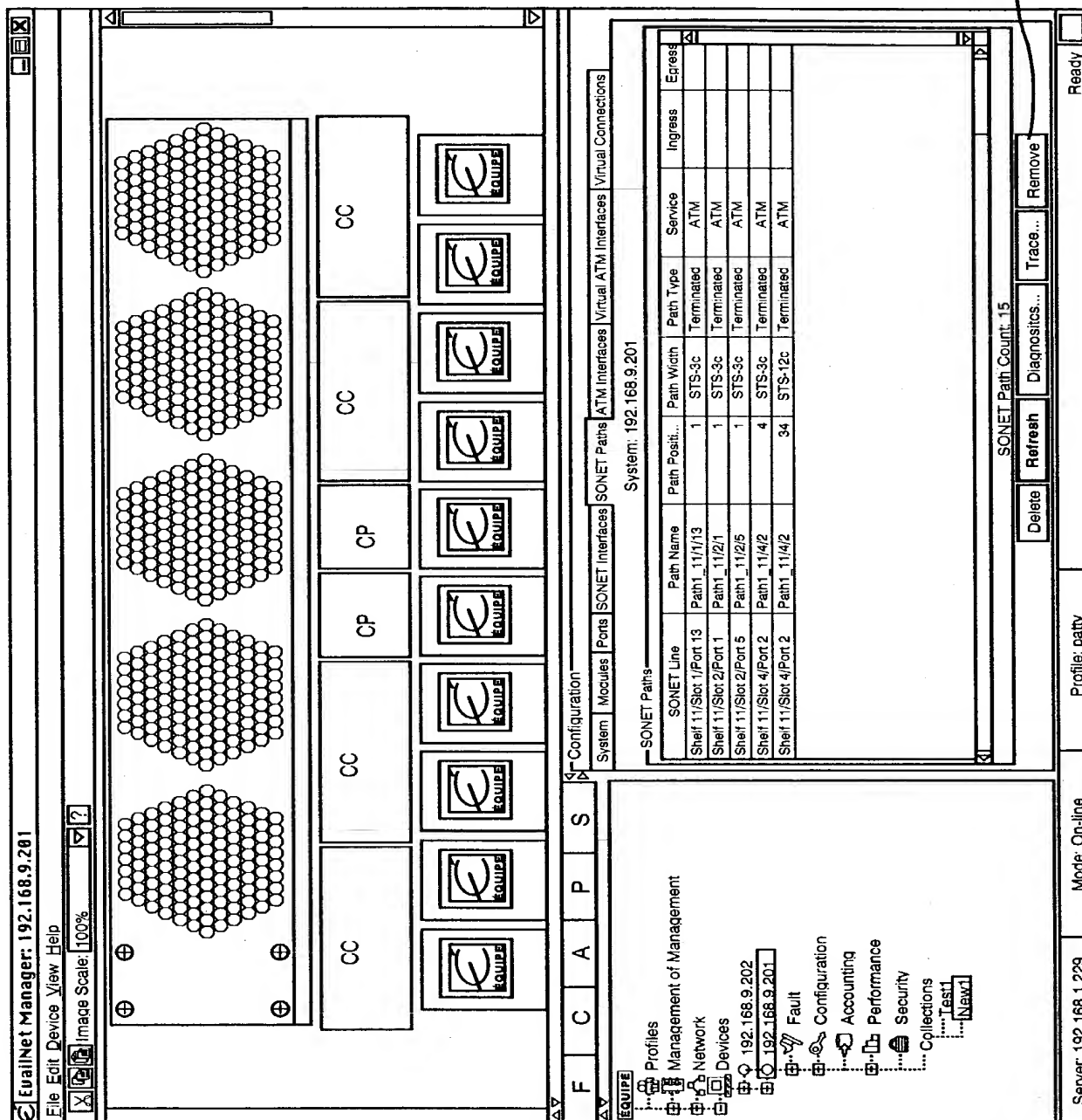


FIG. 10H



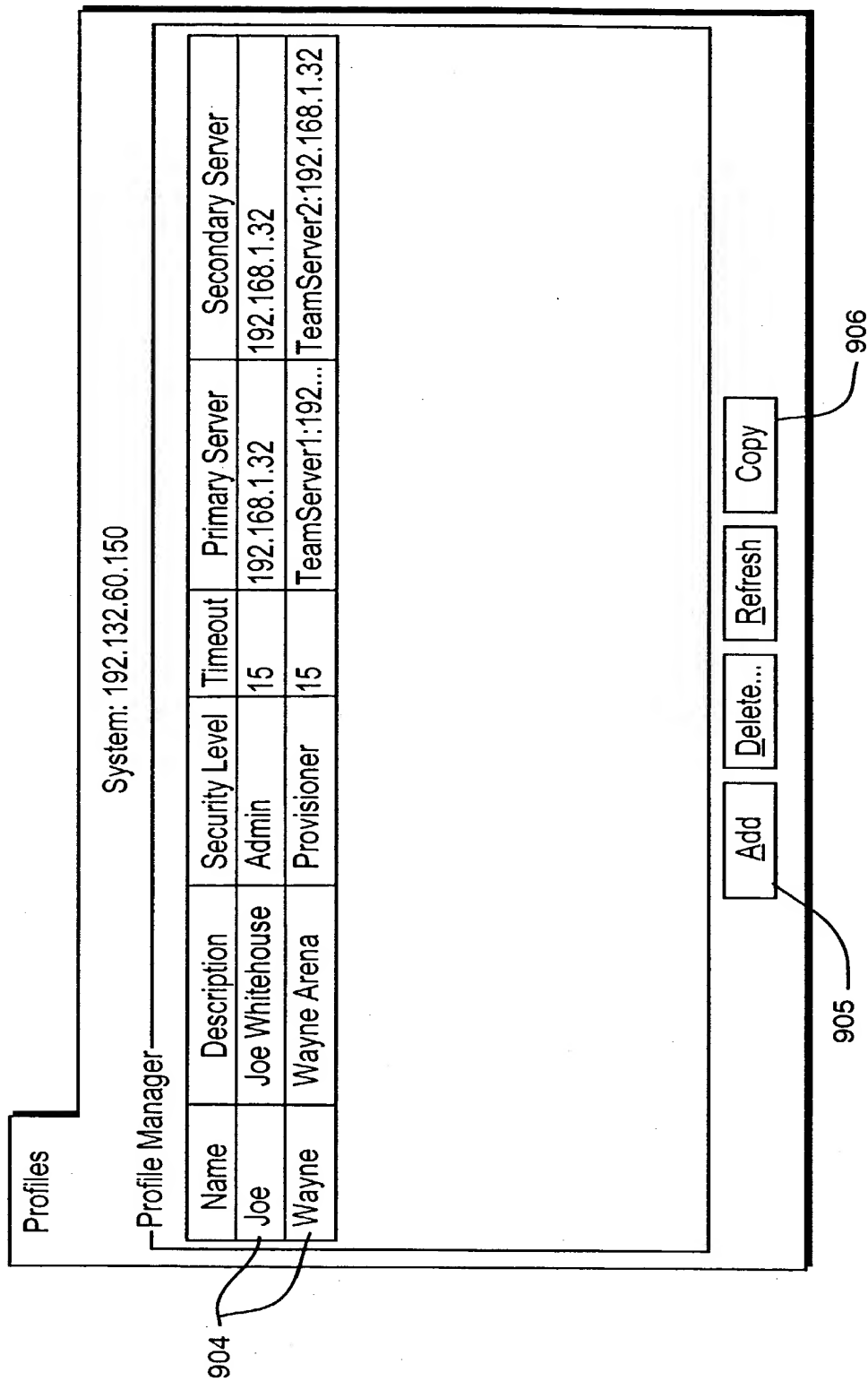


FIG. 11A

144/289

907

General

Username: Kevin 908a

Description: Kevin Snow user account 908e

Group Name: Equipe 908f

Group Level Access: ☒ 908d

Password: ***** 908b

Confirm Password: ***** 908c

Policies

☒ User Cannot Change Password 908h

☐ Account Disabled 908i

☒ User Can Add Devices 908j

User Session Timeout: 15 908k Minutes

TO
FIG. 11C

FIG. 11B

FROM
FIG. 11B

Servers

908l

908n

908m

908o

Primary Server:

Primary Server Port:

Secondary Server:

Secondary Server Port:

192.168.1.220

6500

192.168.1.221

6503

908g

Devices

908p

908q

908r

908s

Device	READ	READ/WRITE	Retry	Timeout
192.168.9.202	public	equipe	3	3
192.168.9.205	public	equipe	3	3
192.168.9.216	public	equipe	3	3

Add

Delete

908t

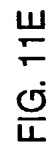
OK

Cancel

FIG. 11C

<div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div></div>							
General		Policies	Servers				
			Devices				
<div><div>Primary Server:</div><div>Primary Server Port:</div><div>Secondary Server:</div><div>Secondary Server Port:</div></div> <table border="1"><tr><td>192.168.1.220</td></tr><tr><td>6500</td></tr><tr><td>192.168.1.205</td></tr><tr><td>6503 </td></tr></table>				192.168.1.220	6500	192.168.1.205	6503
192.168.1.220							
6500							
192.168.1.205							
6503							
		908t ~ OK Cancel					

FIG. 11D



			<input type="button" value="X"/> <input type="button" value="□"/> <input type="button" value="−"/>		
		<div> <div>General</div> <div>Policies</div> <div>Servers</div> <div>Devices</div> </div>			
Username:		Kevin			
Description:		Kevin Snow user account			
Customer Name:		Equipe			
Group Level Access:		<input type="button" value="▽"/>			
Password:		*****			
Confirm Password:		*****			
		<div> <div>908t ~</div> <div>OK</div> <div>Cancel</div> </div>			

FIG. 11F

-

X

General

Policies

Servers

Devices

☐ User Cannot Change Password

☐ Account Disabled

☒ User Can Add Devices

User Session Timeout: Minutes

908t ~

FIG. 11G

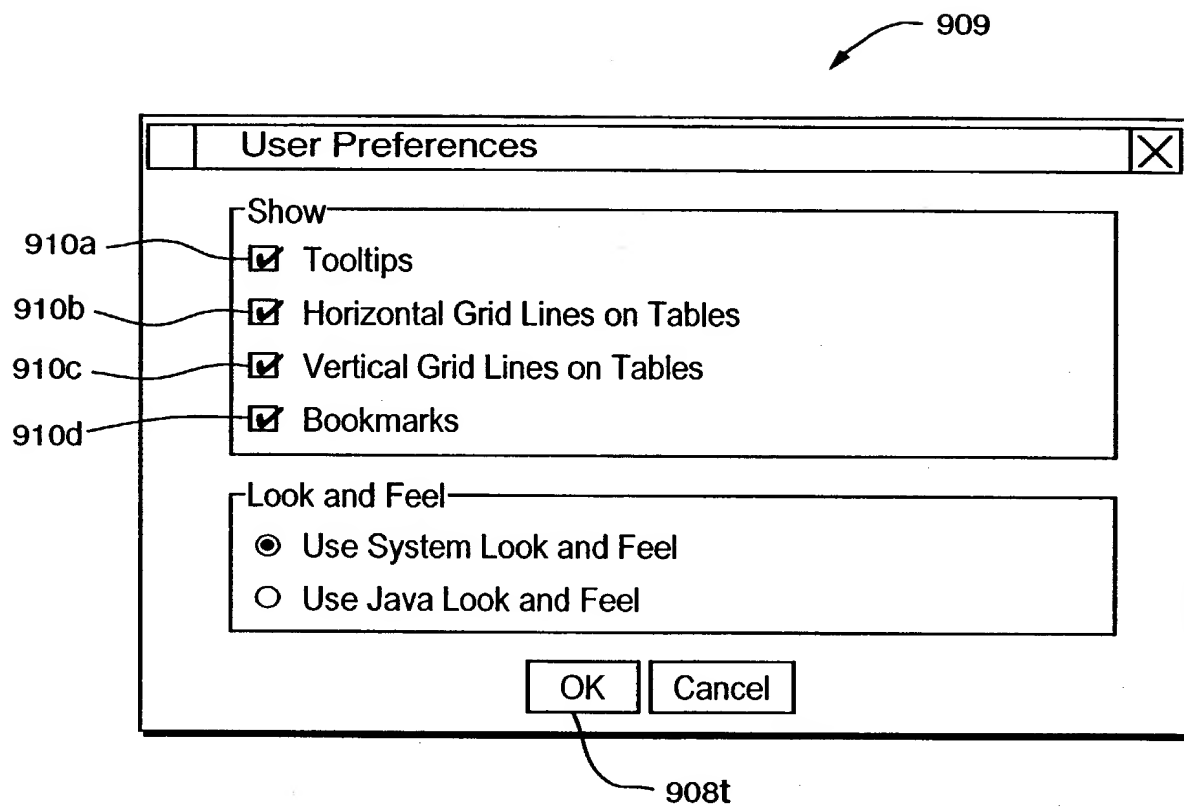


FIG. 11H

TO
FIG. 11J

FIG. 111

FROM
FIG. 11I

Servers

Primary Server:
Primary Server Port:
Secondary Server:
Secondary Server Port:

192.168.1.220

6500

192.168.1.221

6503

Devices

Device	READ	READ/WRITE	Retry	Timeout
192.168.9.202	public	equipe	3	3
19 Group List				
19 Walmart-East				
Walmart-West				
Kmart 1				
Sears-Northeast				

Add

Delete

908g

908p

908q

908r

908s

908l

908n

908m

908o

1000

FIG. 11J

✖
EvailNet Manager: SONET Path Configuration - 11/8/5

SONET Line

System: 192.168.9.201

✖
1002

SONET Line

Graphical Representation

Slot

8

Port

5

Type

OC12

SONET Path Wizard

☒ Configure a single concatenated path (STS-12c)

☐ Configure
☐ Custom Configuration

4

STS-3c

paths

Position

1

STS-12c

Path Table

1002e

Modify

SONET Line	Path Name	Path Posit.	Path Wi.	Path Ty.	Servi.	Ingress Conne.	Egress Conne.
11/8/5	Path1_11/...	1	STS-12c	Termin.	ATM		

1002d

OK

Cancel

1002b

Group Name:

1002c

FIG. 11K

FIG. 11L

155/289

1002

EvaiNet Manager: SONET Path Configuration - 11/8/5

System: 192.168.9.201

SONET Line

Slot 8 Port 5 Type OC12

SONET Path Wizard

☐ Configure a single concatenated path (STS-12c)

☐ Configure 4 STS-3C paths

☒ Custom Configuration

Functions

Available SONET Paths

STS-3C

Add>

<Remove

<<Clear

Allocated SONET Paths

STS-3C

STS-3C

STS-3

STS-3

Path Table

SONET Line	Path Name	Path Position	Path Width	Path Type	Service	Ingress Co...	Egress Co...
11/8/5	Path1_11/8/5	1	STS-3c	Terminated	ATM		
11/8/5	Path2_11/8/5	4	STS-3c	Terminated	ATM		
11/8/5	Path3_11/8/5	7		Terminated	ATM		

1002e Modify

Graphical Representation

Position

Width

1

4

STS-3C

STS-3C

1002a

1002d ~ OK Cancel

Group Name

1002b 1002c ~

FIG. 11M

156/289

MANAGED RESOURCE GROUP TABLE 1008

1008a	1008b			1008c
	LID	MANAGED DEVICE PID	GROUP NAME	
	1145	1	WALMART-EAST	
	• • •	• • •	• • •	

FIG. 11N

MANAGED RESOURCE TABLE 1007

1007a	1007b			1007c
	LID	RESOURCE LID	MANAGE RESOURCE GROUP LID	
	4443	901	1145	
	• • •	• • •	• • •	

FIG. 11O

FIG. 11P

158/289

1006

1006a

1006b

1006c

EvailNet Manager: 192.168.9.201-Virtual Connection Wizard

Source: 192.168.9.201 Destination: 192.168.9.201

End Point 1

192.168.9.201

- Shelf 11
 - Slot 1
 - Slot 2
 - Slot 3
 - Slot 4
 - Port 1
 - Port 2
- ATM-Path2_11/4/2

End Point 1

192.168.9.201

- Shelf 11
 - Shelf 13

Connection Parameters

Connection Name:

Admin Status:

Group Name:

End Point 1 Parameters:

VPI: ☐ Use Any VPI Value

VCI: ☐ Use Any VCI Value

Transmit Traffic Descriptor:

Receive Traffic Descriptor:

☐ Use the same Traffic Descriptor for both Transmit and Receive

End Point 2 Parameters:

VPI: ☐ Use Any VPI Value

VCI: ☐ Use Any VCI Value

Transmit Traffic Descriptor:

Receive Traffic Descriptor:

☐ Use the same Traffic Descriptor for both Transmit and Receive

<Back Finish Cancel

FIG. 11Q

USER TABLE 1010

		1010b	1010c	1010d	
1010a	LID	USERNAME	PASSWORD	GROUP LEVEL ACCESS	1010e
	2012	DAVE	MARBLE	PROVISIONER	
	.	.	.		

FIG. 11R

USER MANAGED DEVICE TABLE 1012

		1012b	1012c	1012d	1012e
1012a	LID	USER LID	HOST LID	RETRY	TIMEOUT
	7892	2012	9046		
	⋮	⋮	⋮	⋮	⋮

FIG. 11S

160/289

ADMINISTRATION MANAGED DEVICE TABLE 1014

LID	HOST ADDRESS	PORT ADDRESS	RETRY	TIMEOUT	ADMIN. PASSWORD	PROV. PASSWORD	VIEWER PASSWORD
9046	192.168.9.202	1521			TEAM 1	TEAM 2	TEAM 3
.
.
.

FIG. 11T

161/289

1013

ADD DELETE DEVICE Dig X

1013a DEVICE HOST: 192.168.1.202

1013b DEVICE PORT: 1521

1013c SNMP RETRY:

1013d SNMP TIMEOUT:

1013e ADMIN. PASSWORD:

1013f PROV. PASSWORD:

1013g VIEWER PASSWORD:

1013h ADD

OK CANCEL DELETE

1013i

Detailed description of FIG. 11U: This is a screenshot of a software window titled 'ADD DELETE DEVICE Dig'. The window has a standard title bar with a close button labeled 'X'. The main content area contains several text labels followed by input fields: 'DEVICE HOST: 192.168.1.202', 'DEVICE PORT: 1521', 'SNMP RETRY:', 'SNMP TIMEOUT:', 'ADMIN. PASSWORD:', 'PROV. PASSWORD:', and 'VIEWER PASSWORD:'. Below these input fields, there are four buttons: 'ADD', 'OK', 'CANCEL', and 'DELETE'. A mouse cursor is pointing at the 'OK' button. Reference numerals are used to identify specific parts: 1013 points to the window title bar, 1013a to the device host label, 1013b to the device port label, 1013c to the SNMP retry label, 1013d to the SNMP timeout label, 1013e to the admin password label, 1013f to the prov password label, 1013g to the viewer password label, 1013h to the 'ADD' button, and 1013i to the 'OK' button.

FIG. 11U

USER RESOURCE GROUP MAP TABLE 1016

1016a	1016b		1016c
	LID	USER LID	USER RESOURCE GROUP LID
	8086	2012	1024
	⋮	⋮	⋮

FIG. 11V

USER RESOURCE GROUP TABLE 1018

1018a	1018b		1018c
	LID	HOST LID	GROUP NAME
1018d	1024	9046	WALMART-EAST
	⋮	⋮	⋮

FIG. 11W

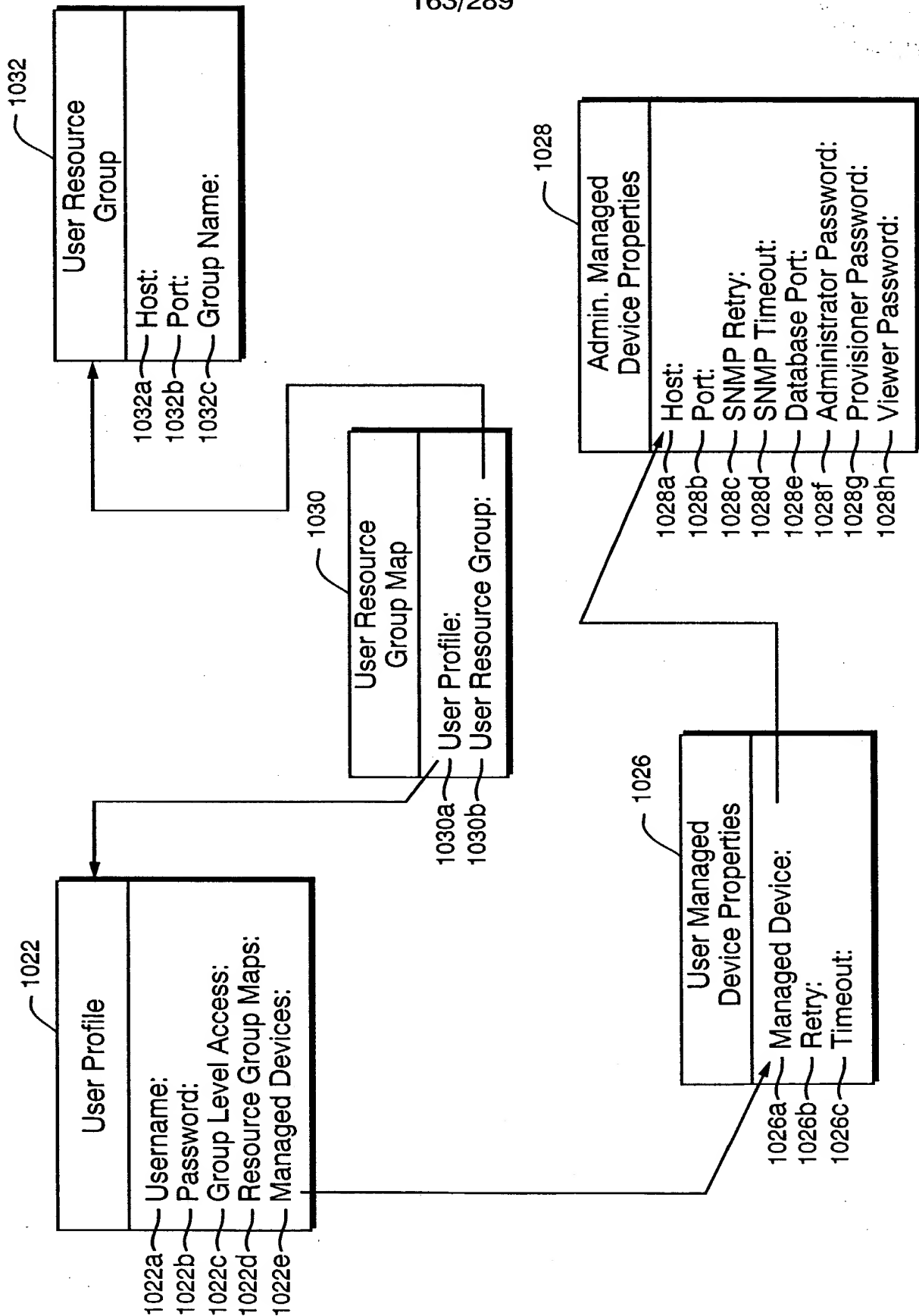


FIG. 11X

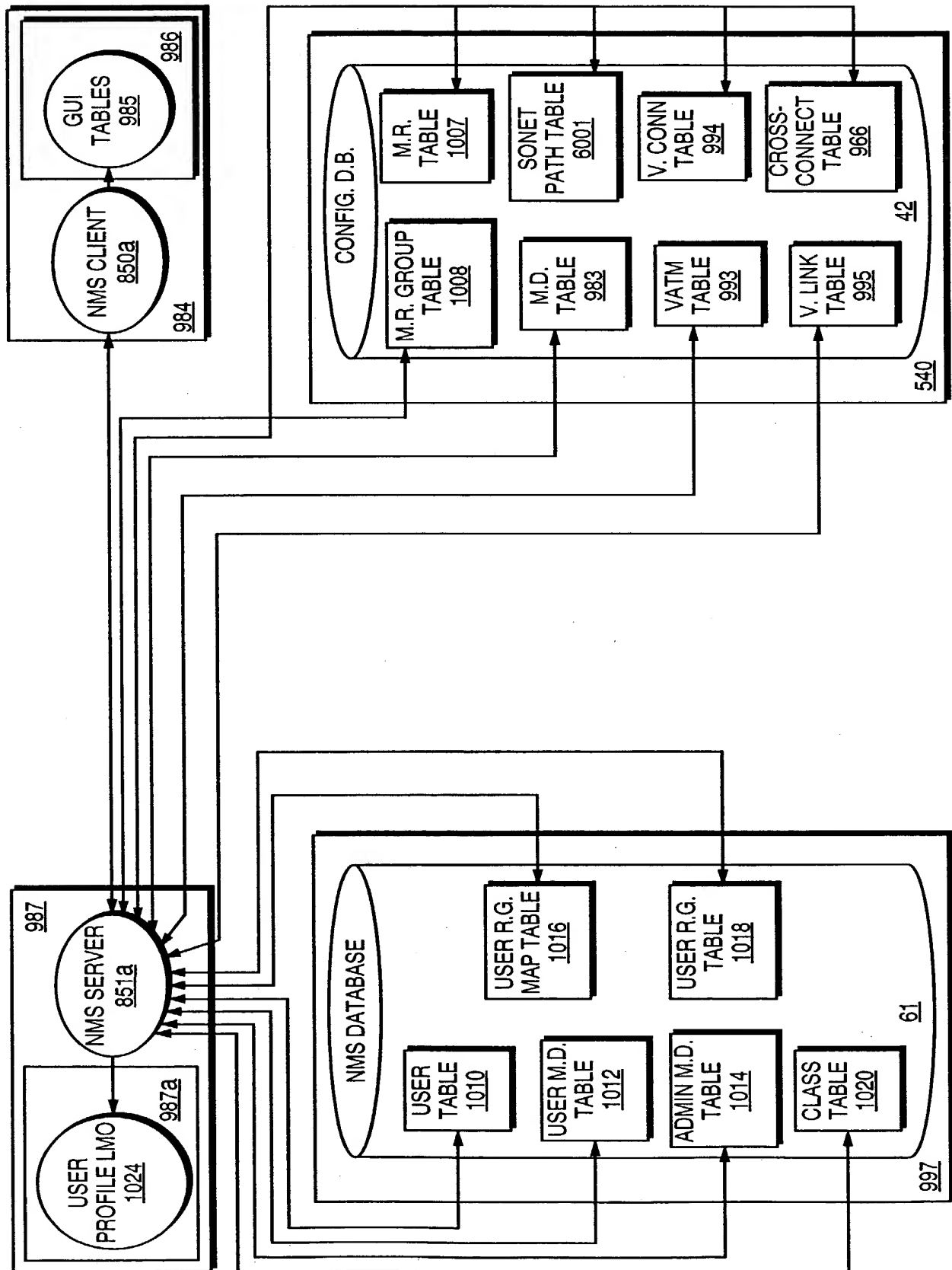


FIG. 11Y

165/289

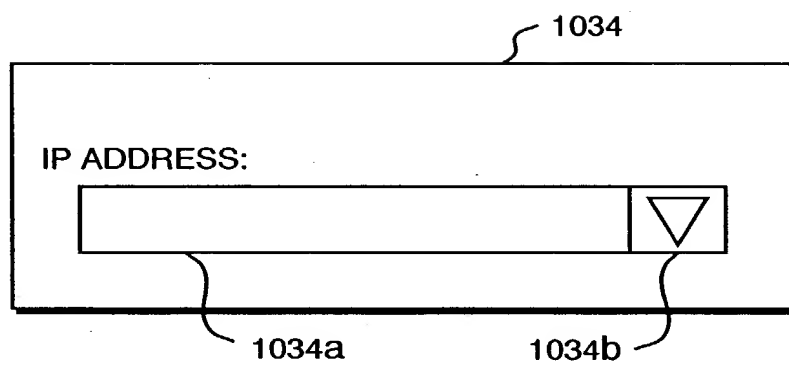


FIG. 11Z

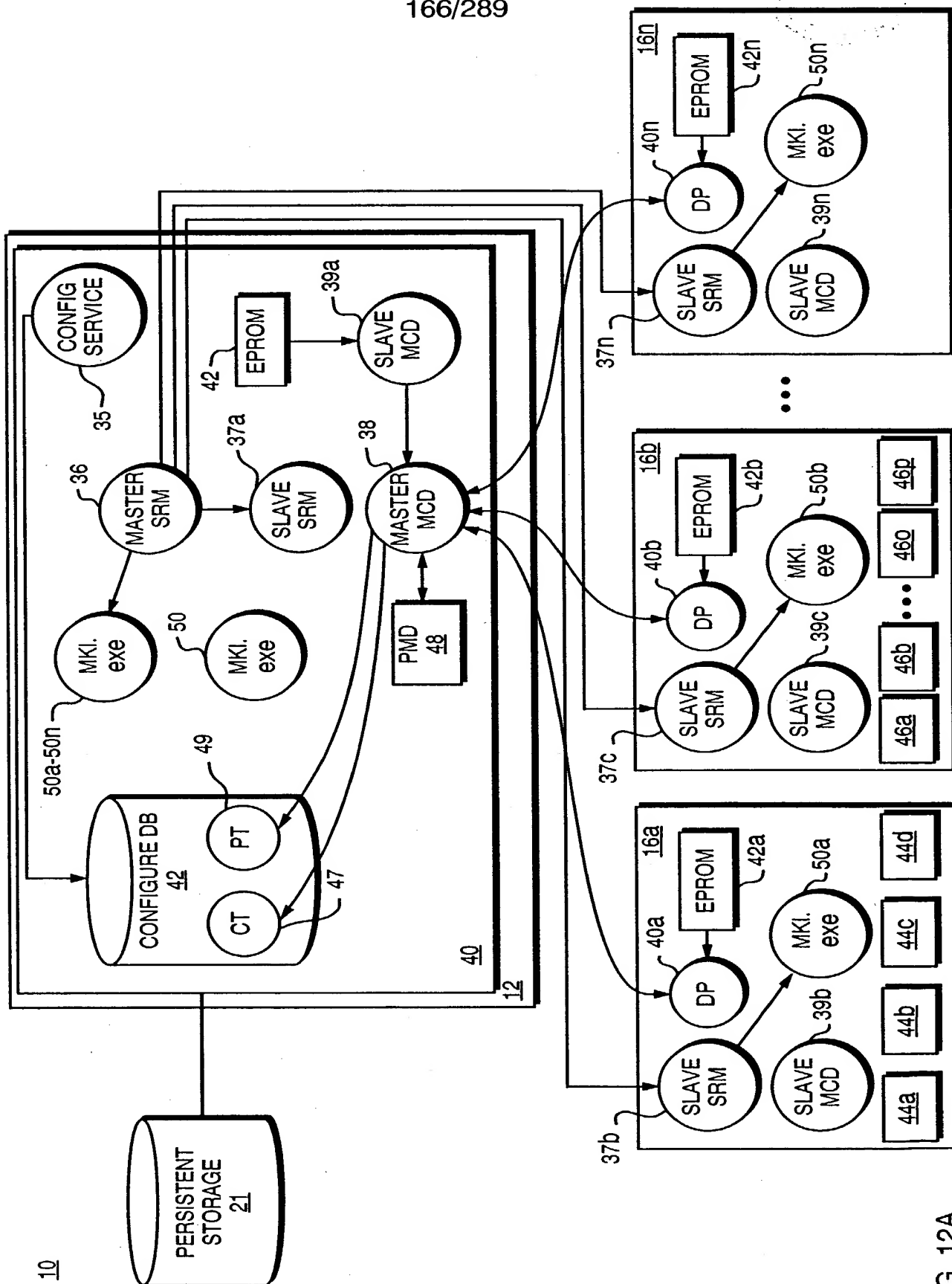


FIG. 12A

167/289

CARD TABLE 47

	PID	CWD TYPE	VERSION NO.	SLOT NO.	...
16a	500	0XF002	3	1	
16b	501	0XF002	4	2	
	⋮	⋮	⋮	⋮	⋮
16e	505	0X6002	1	5	
	⋮	⋮	⋮	⋮	⋮
16n	513	0XF002	1	12	
	⋮	⋮	⋮	⋮	⋮

FIG. 12B

100-100000

PORT TABLE 49

	PID	PORT TYPE	VERSION NO.	SLOT NO.	...
44a	1500	00620	1	1	
44b	1501	00620	1	1	
44c	1502	00620	1	1	
44d	1503	00620	1	1	
44a	1504	00820			
46a

	1600	00620	1	8	

FIG. 12C

169/289

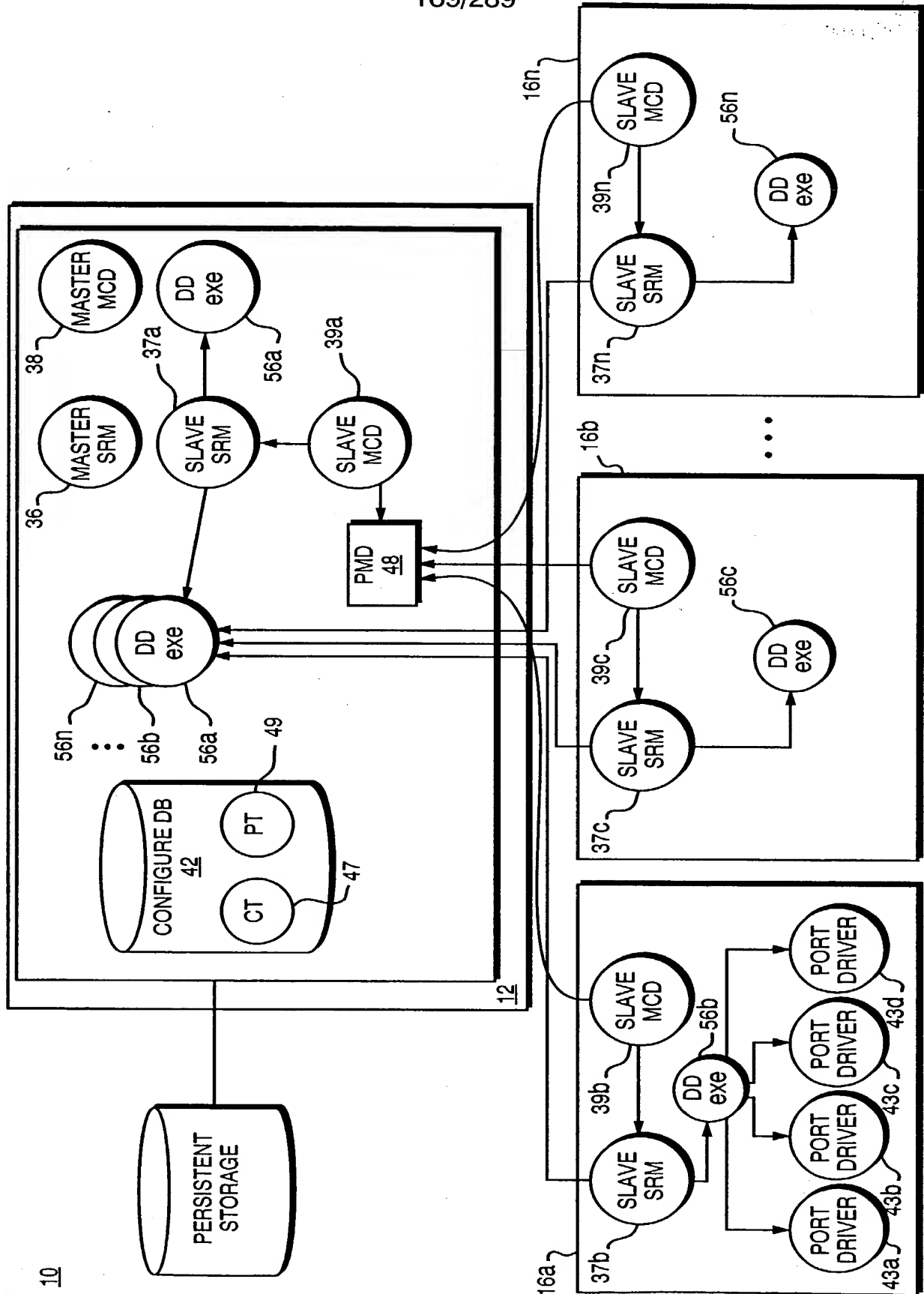


FIG. 13A

170/289

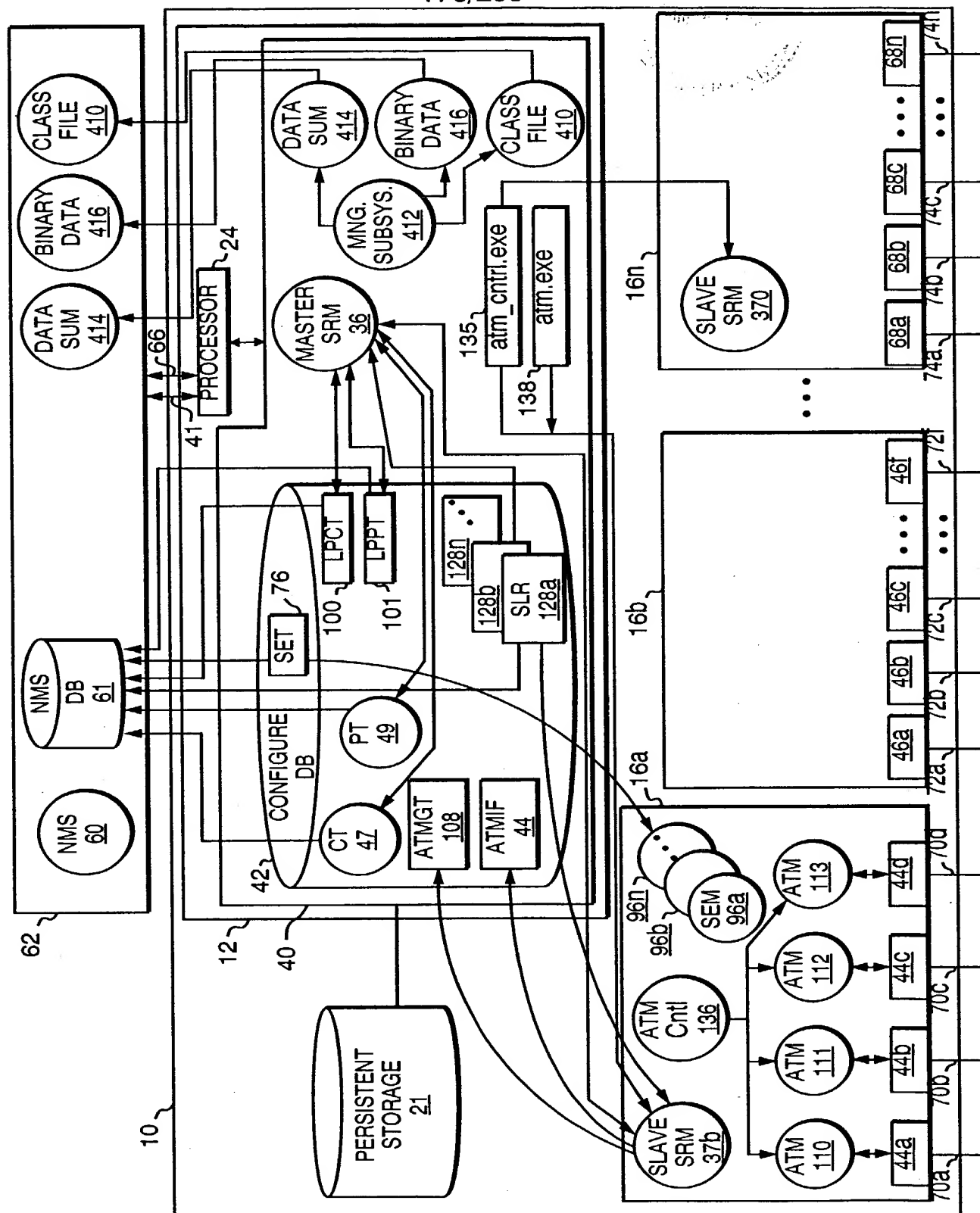


FIG. 13B

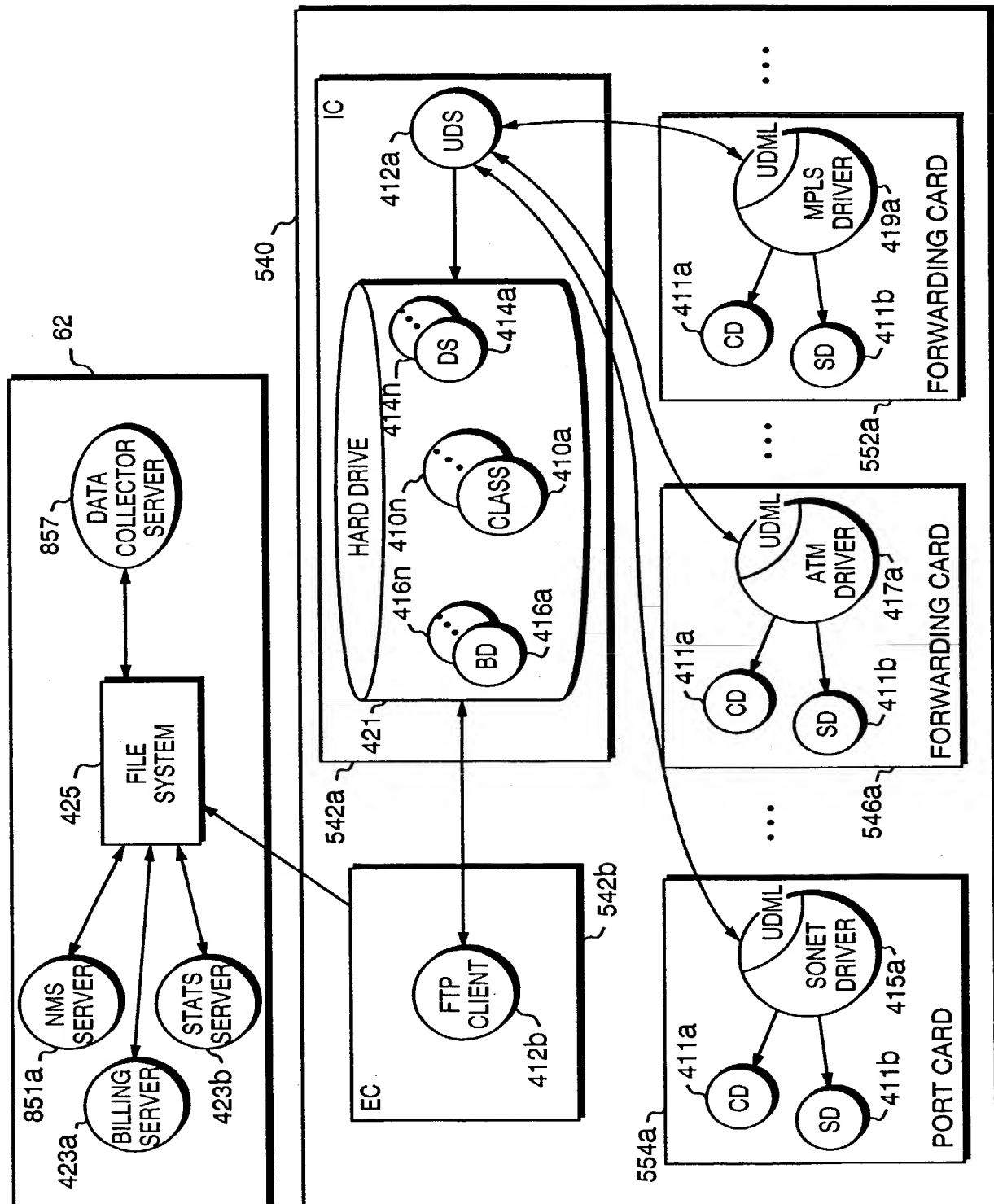


FIG. 13C

172/289

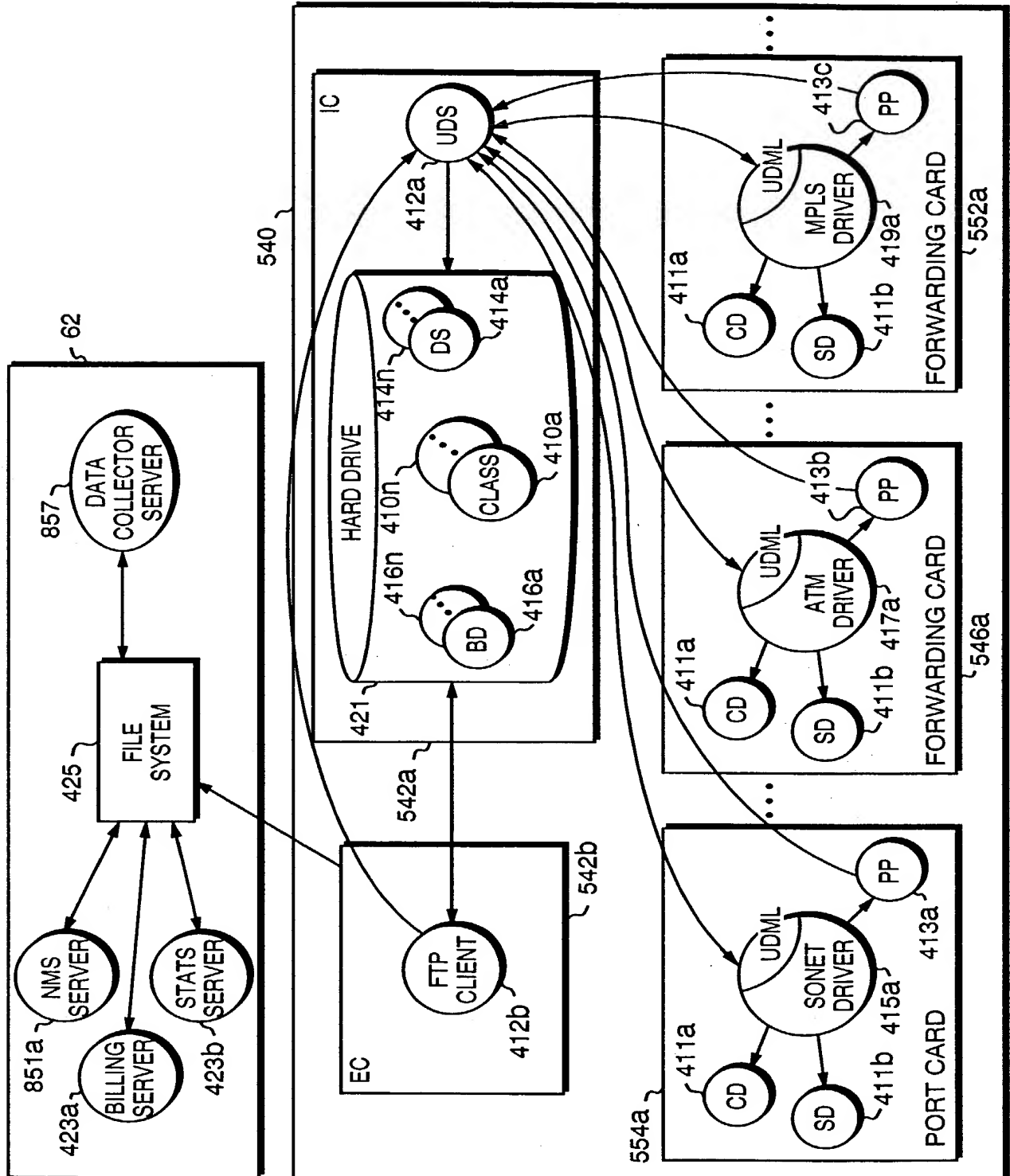


FIG. 13D

173/289
SERVICE ENDPOINT TABLE 76

	SERVICE ENDPOINT #	PORT PID
78	1	1500
80	2	1501
82	3	1501
84	4	1501
86	5	1502
88	6	1502
90	7	1503
92	8	1503
94	9	1503
168	10	1502
	.	.
	.	.
	.	.

FIG. 14A

LOGICAL TO PHYSICAL CARD TABLE 100

	98 LID	102 PRIMARY PID	104 BACK-UP PID
106	30	500	513
109	31	501	513
	.	.	.
	.	.	.
	.	.	.

FIG. 14B

LOGICAL TO PHYSICAL PORT TABLE 101

	98 LID	102 PRIMARY PID	104 BACK-UP PID
107	40	1500	1600
	.	.	.
	.	.	.
	.	.	.

FIG. 14C

174/289

ATM GROUP TABLE 108

GROUP #	CARD LID	...
1	30	
2	30	
3	30	
4	30	

FIG. 14D

ATM INTERFACE TABLE 114

ATM IF	ATM GROUP	SE	...
1	1	1	
2	1	1	
3	1	1	
4	2	2	
5	2	3	
6	2	4	
•	•	•	•
•	•	•	•
•	•	•	•
12	3	10	
•	•	•	•
•	•	•	•

170

FIG. 14E

SOFTWARE LOAD RECORD 128a

130	CONTROL SHIM	LID	132
134	atm-cntl.exe	30	

FIG. 14F

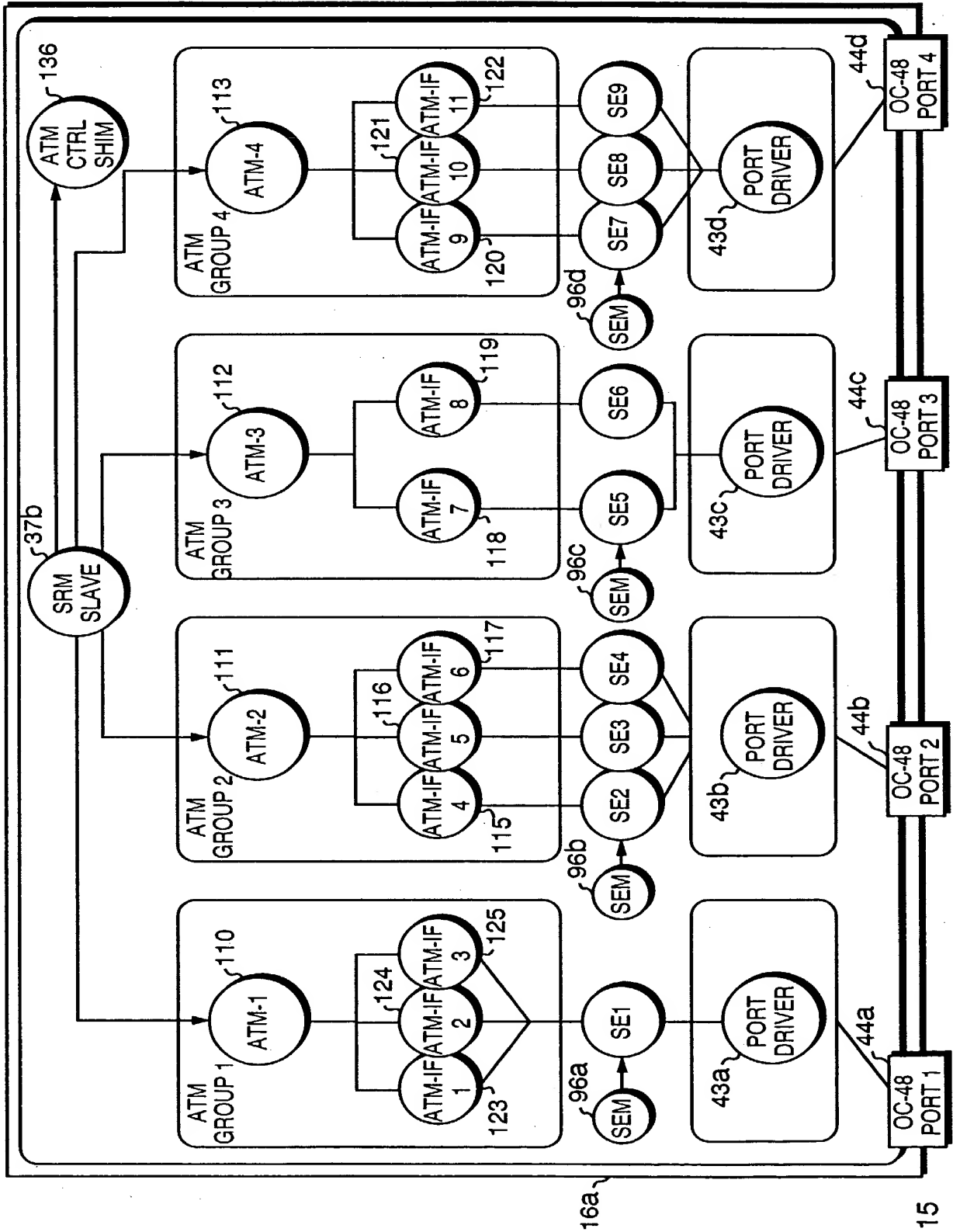


FIG. 15

176/289

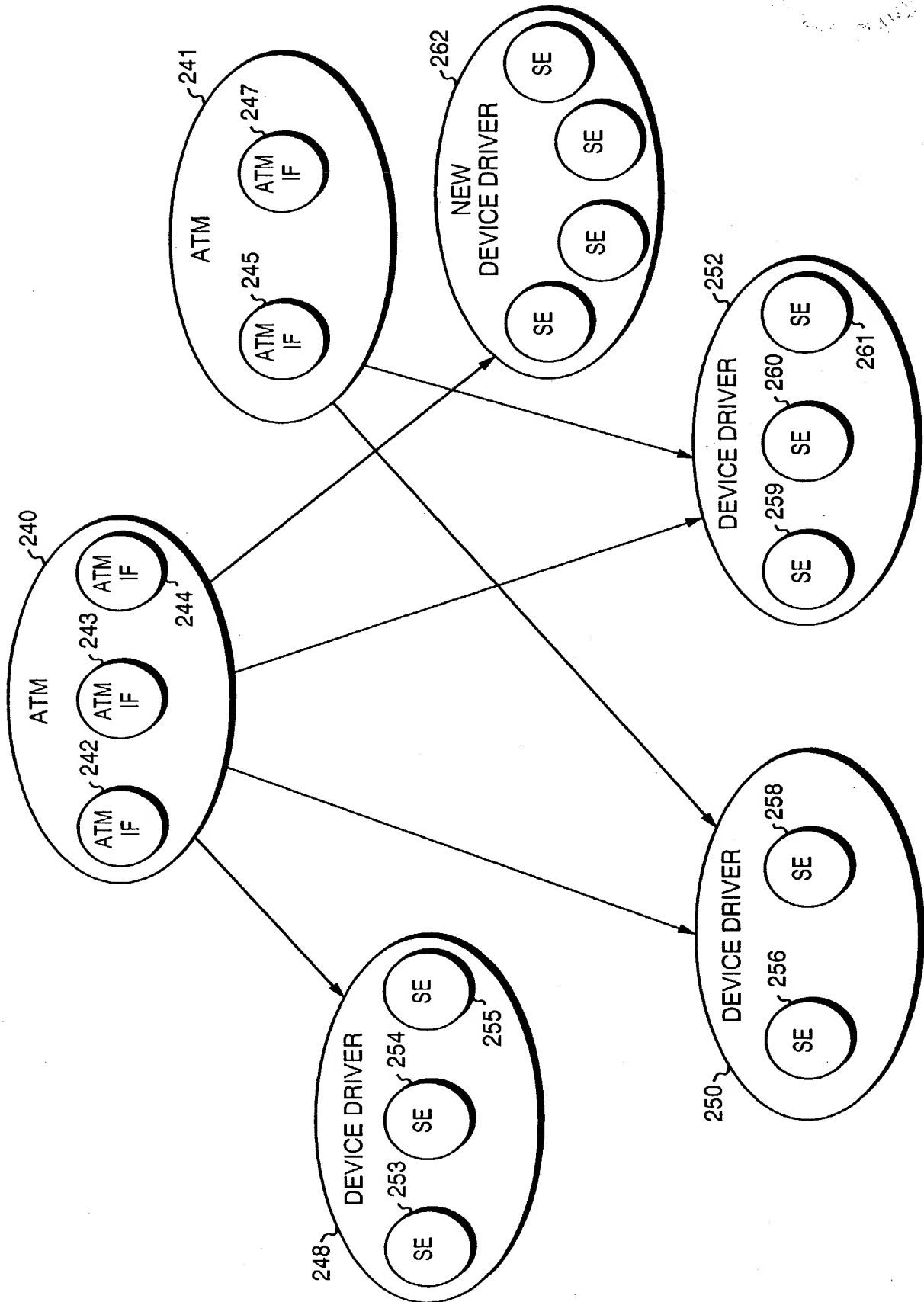


FIG. 16A

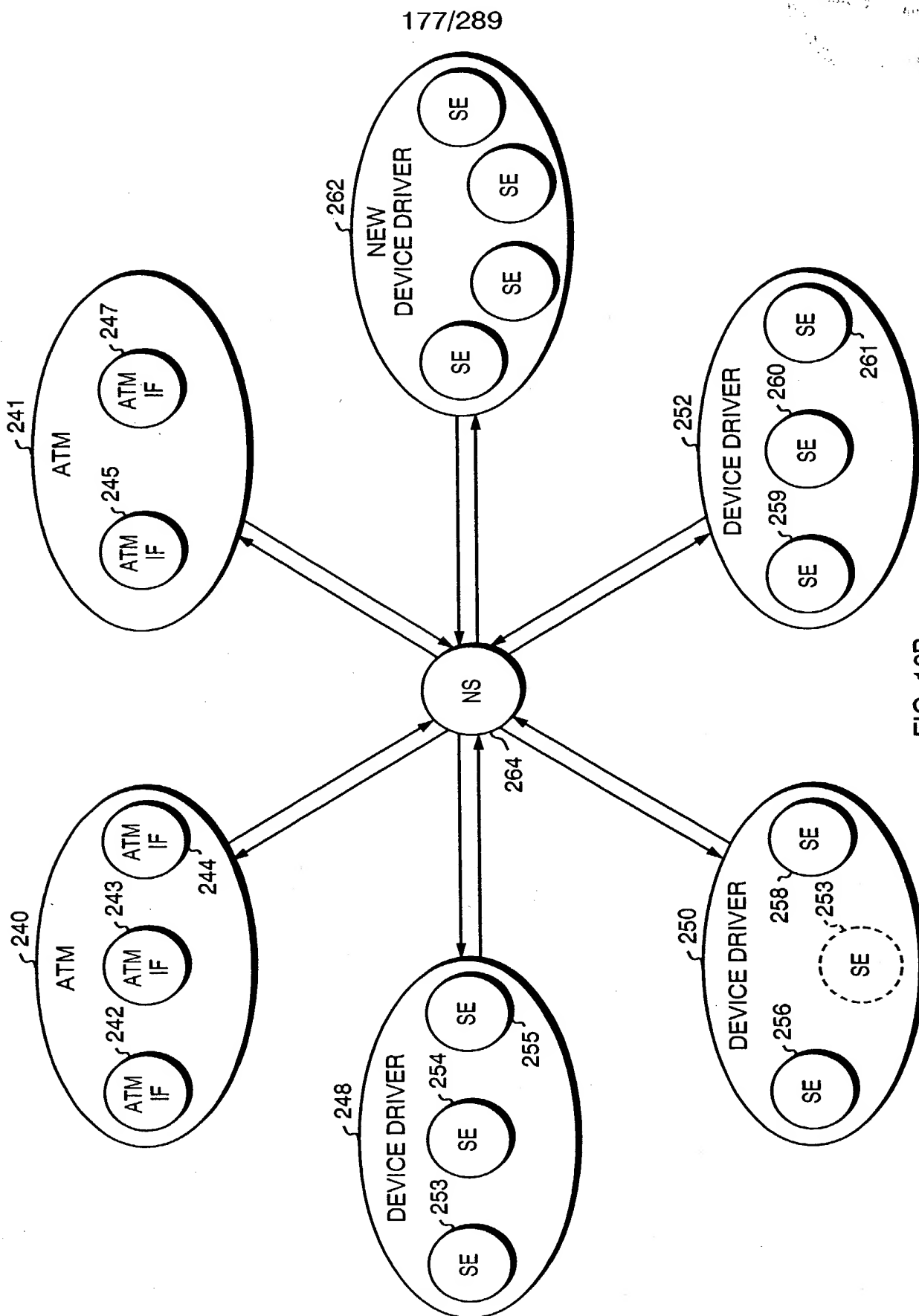


FIG. 16B

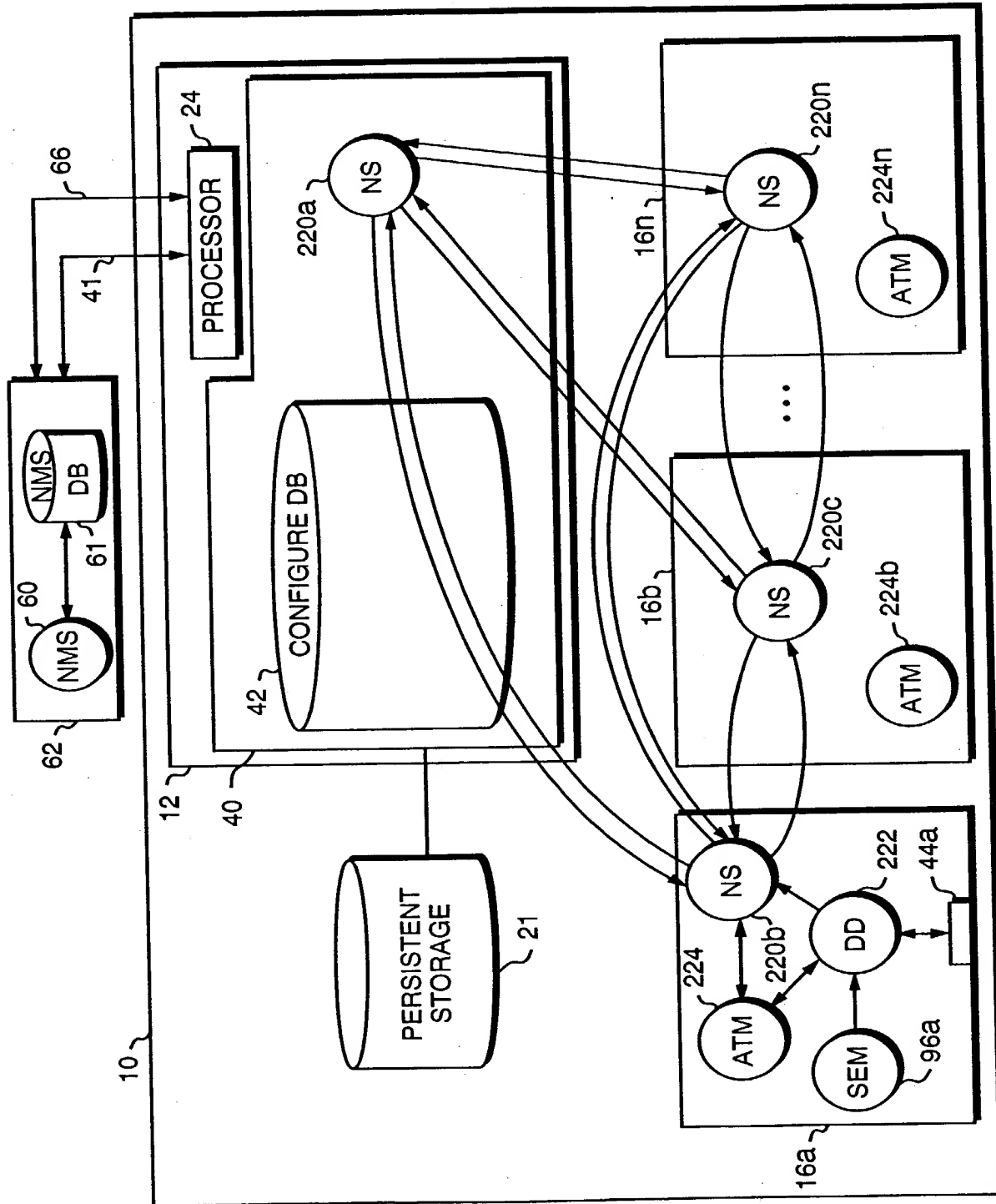


FIG. 16C

179/289

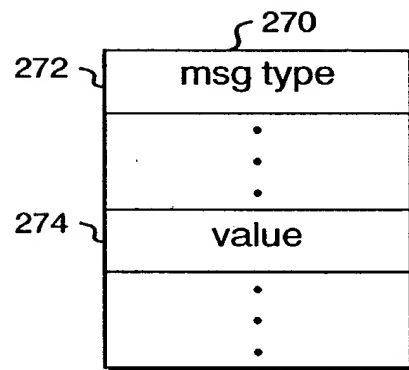


FIG. 16D

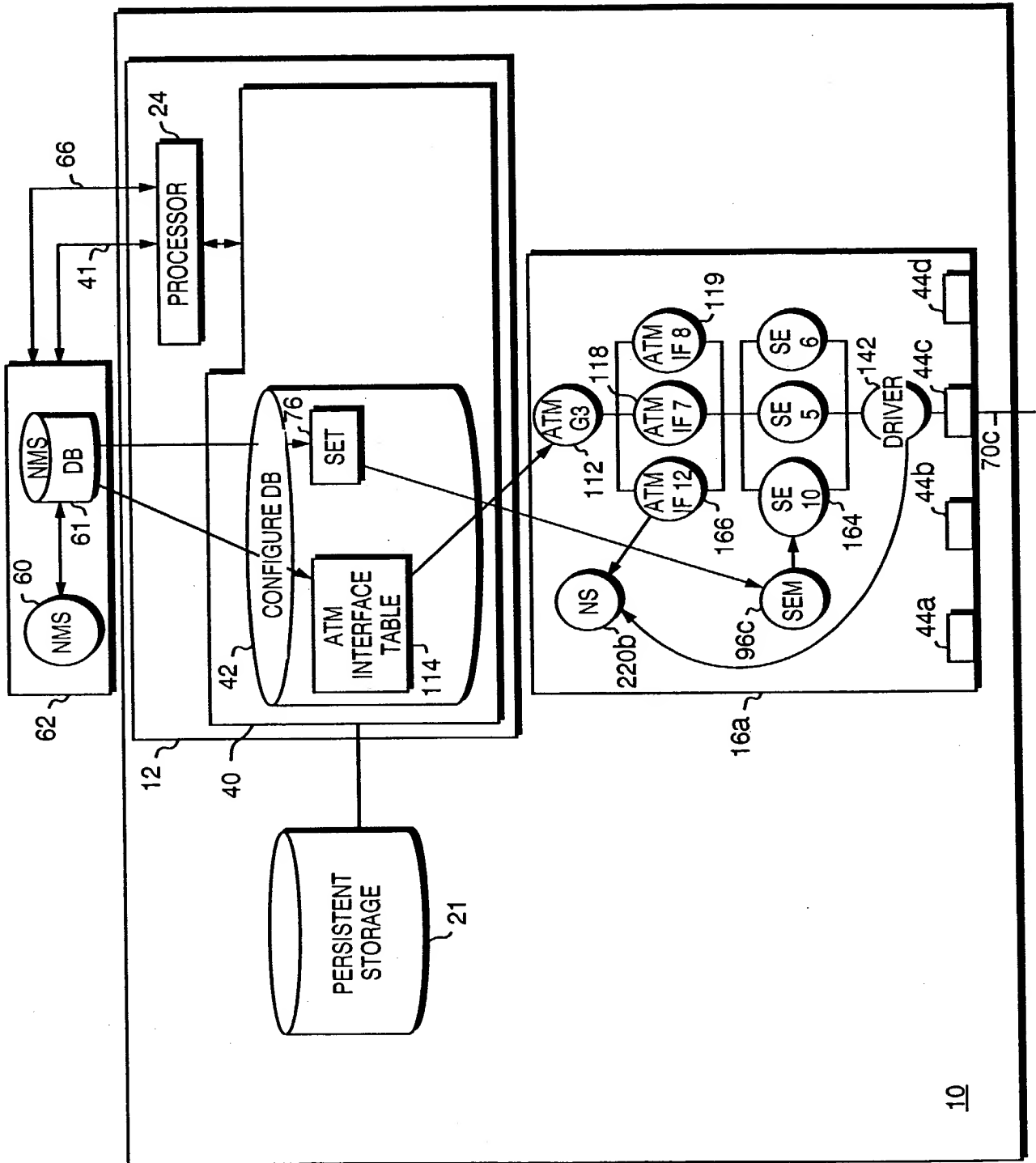


FIG. 17

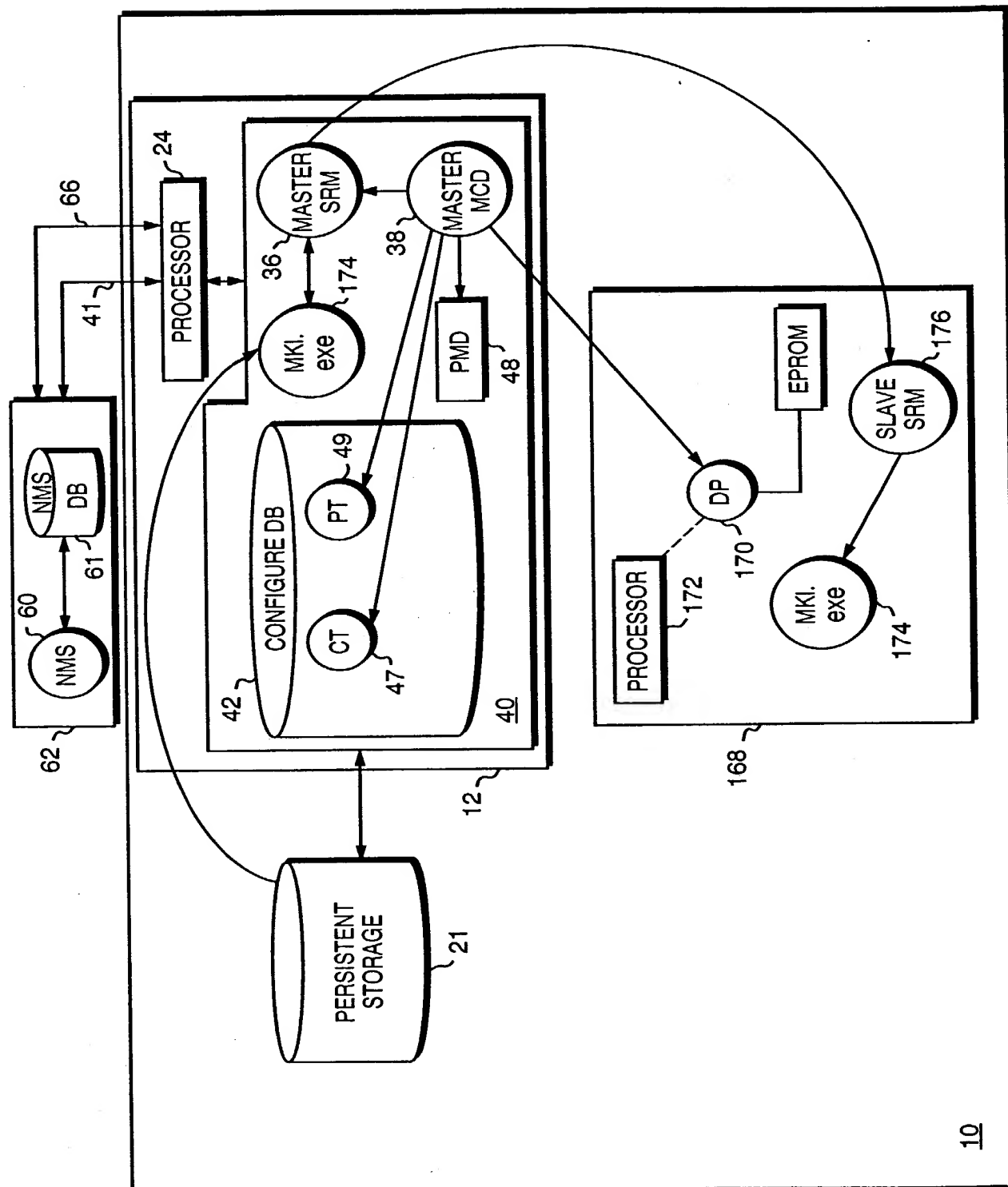


FIG. 18

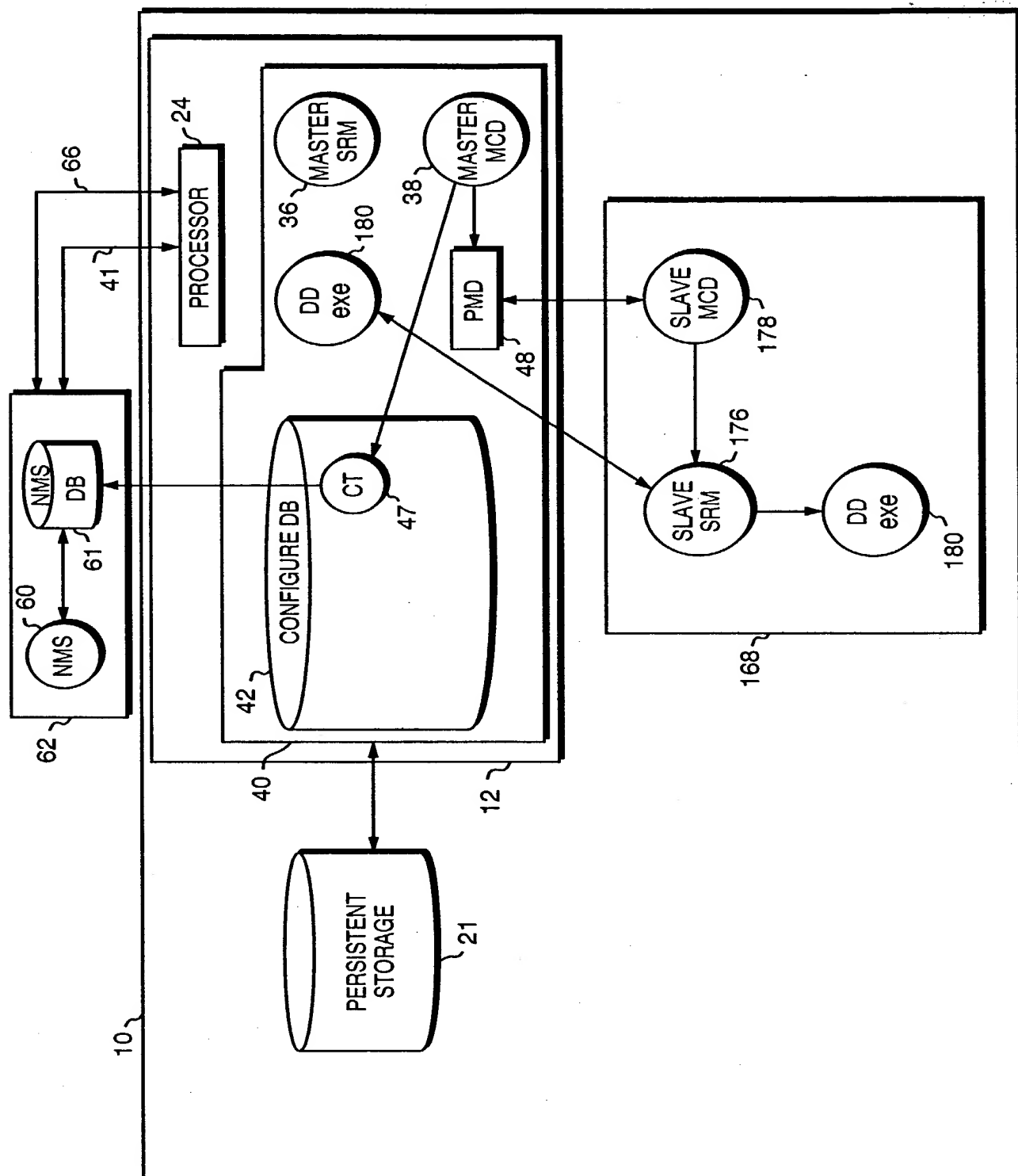


FIG. 19

183/289

PACKAGING LIST 1200

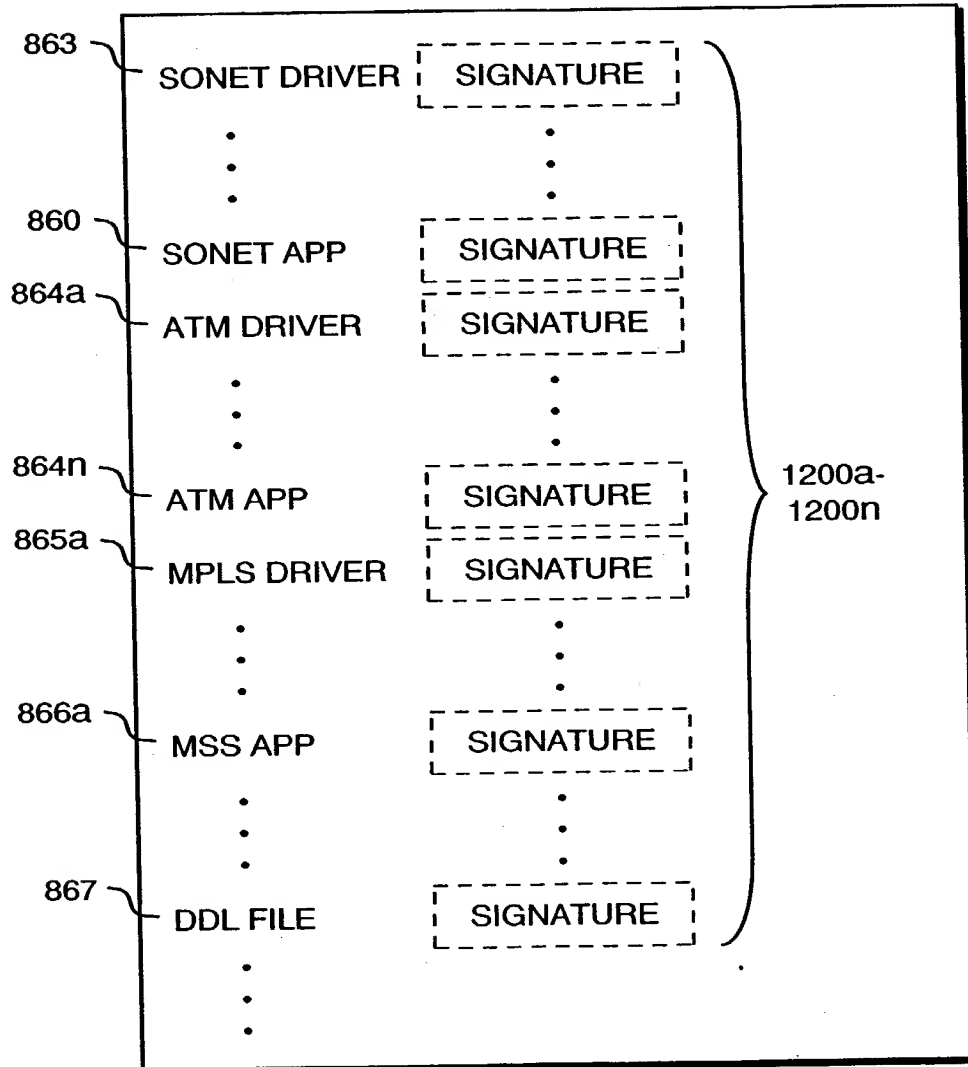


FIG. 20A

184/289

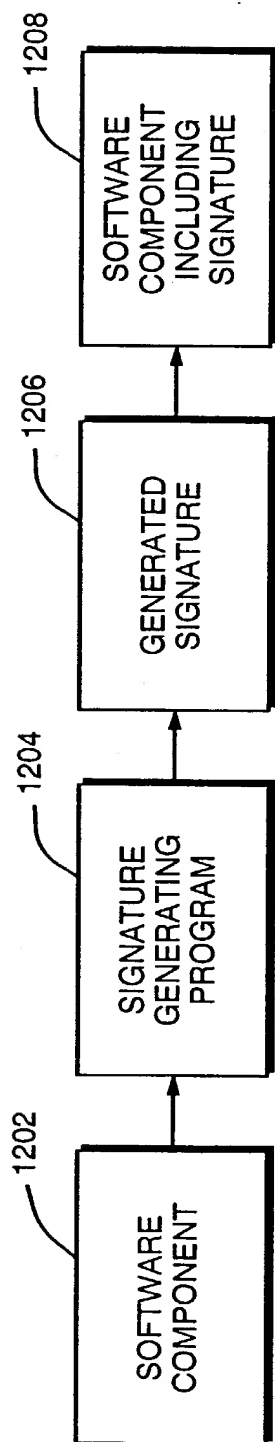


FIG. 20B

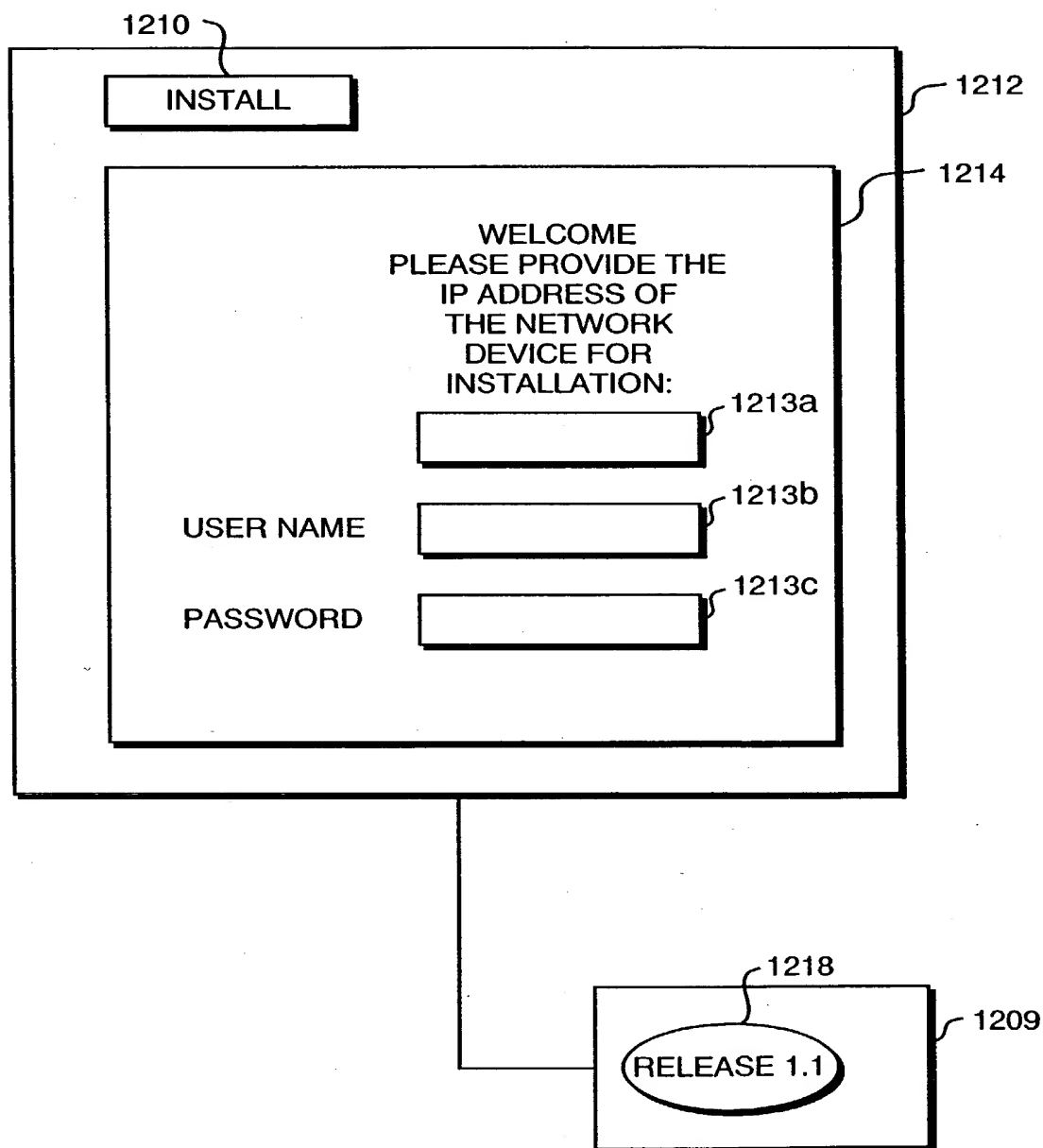


FIG. 20C

186/289

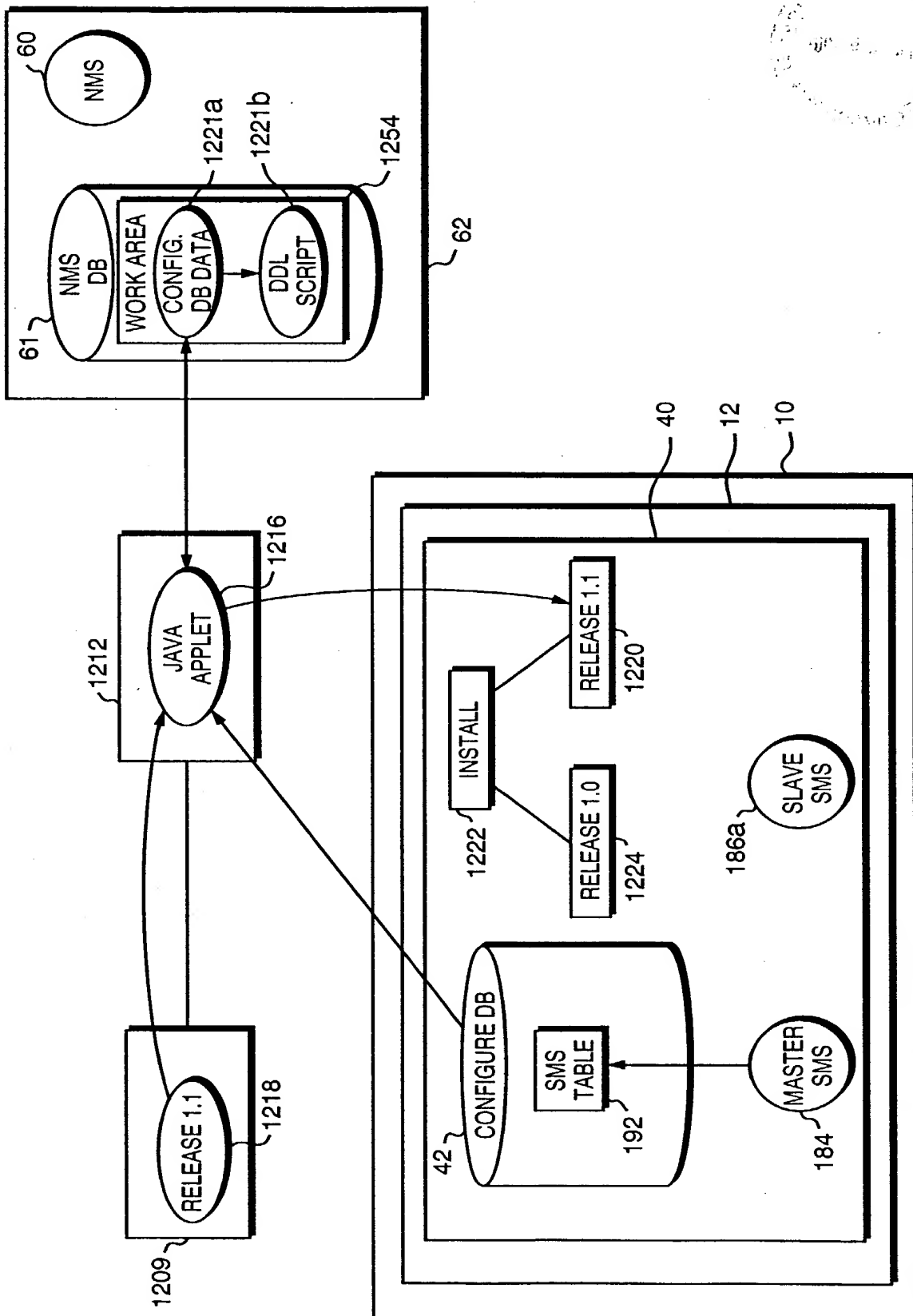


FIG. 20D

187/289

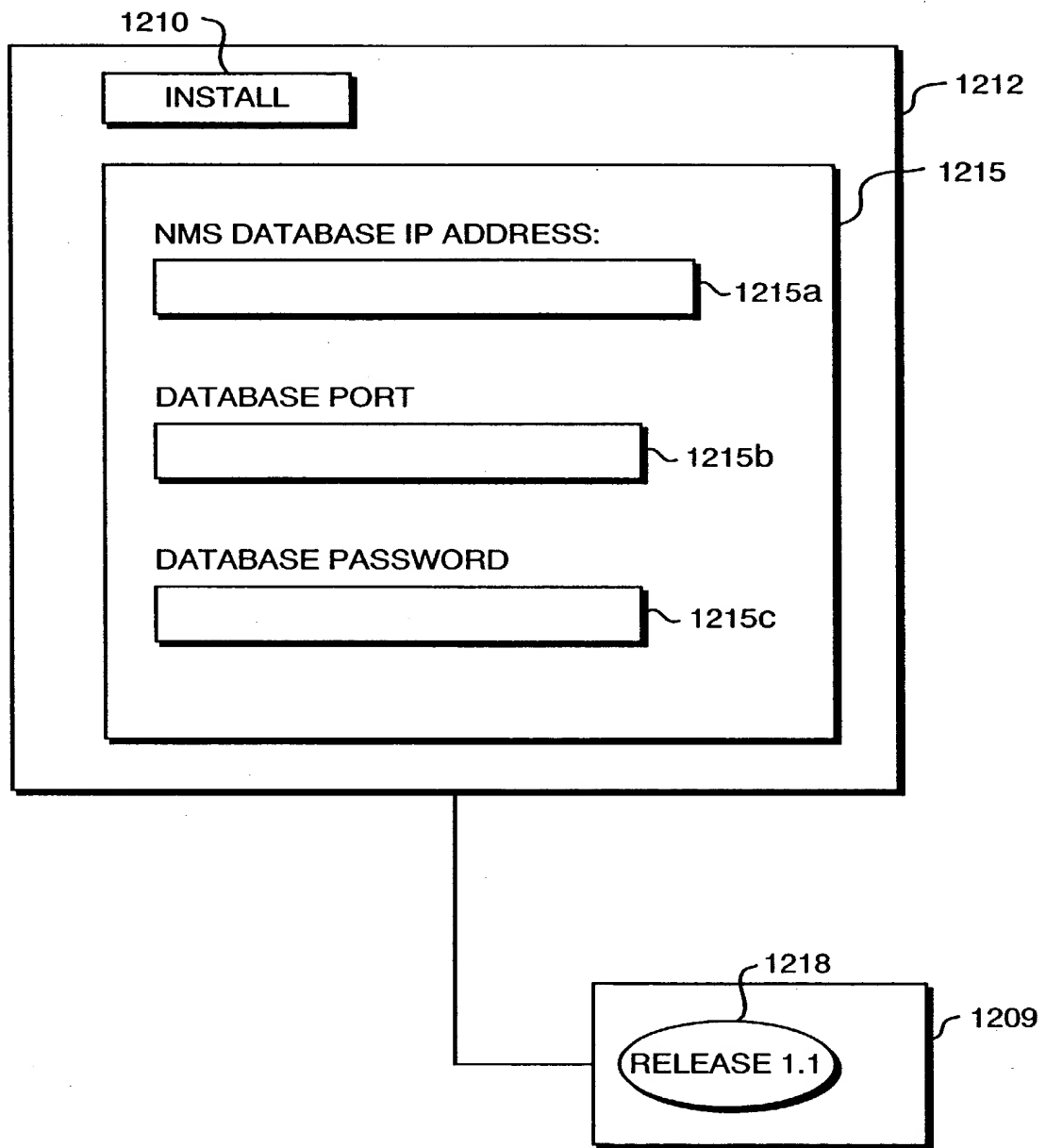


FIG. 20E

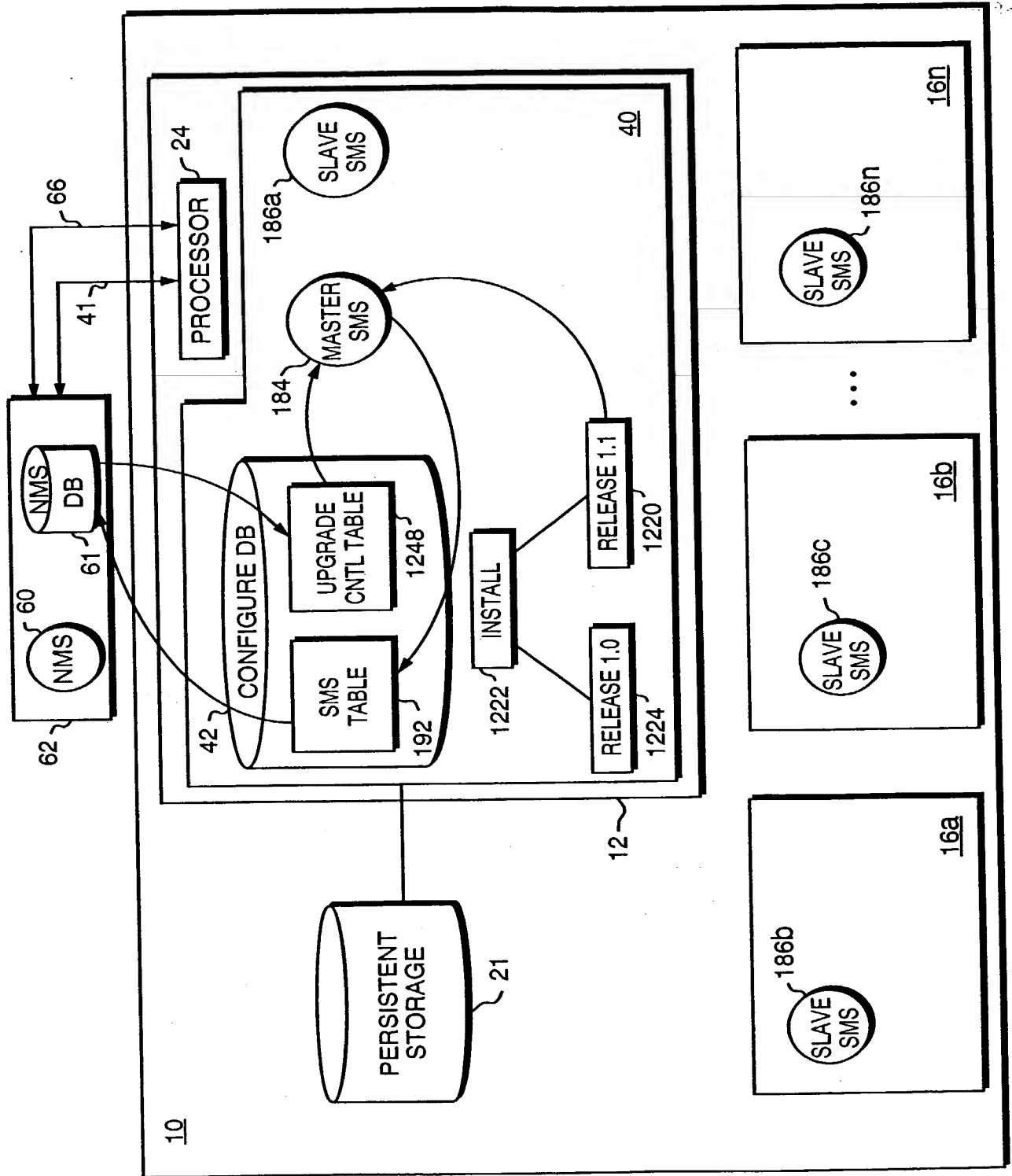


FIG. 21A

SMS TABLE 192

1227	1226 IMAGE LID	1228 VERIFICATION STATUS	1230 UPGRADE MODES	...
	9623	PASSED	x2348	...
	•	•	•	•
	•	•	•	•

FIG. 21B

102689-73

11/13/2015 10:45:55 AM 11/13/2015

190/289

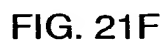
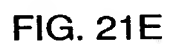
1232

AVAILABLE RELEASES	
RELEASE 1.0	
RELEASE 1.1	

1230

FIG. 21C





193/289

UPGRADE CONTROL TABLE 1248

		1252	1253	1255	
1250	IMAGE LID	COMMAND	TIME FOR INSTALLATION	STATUS	...
1251	9623	X2344			...
	• • •	• • •	• • •	• • •	• • •

FIG. 21G

194/289

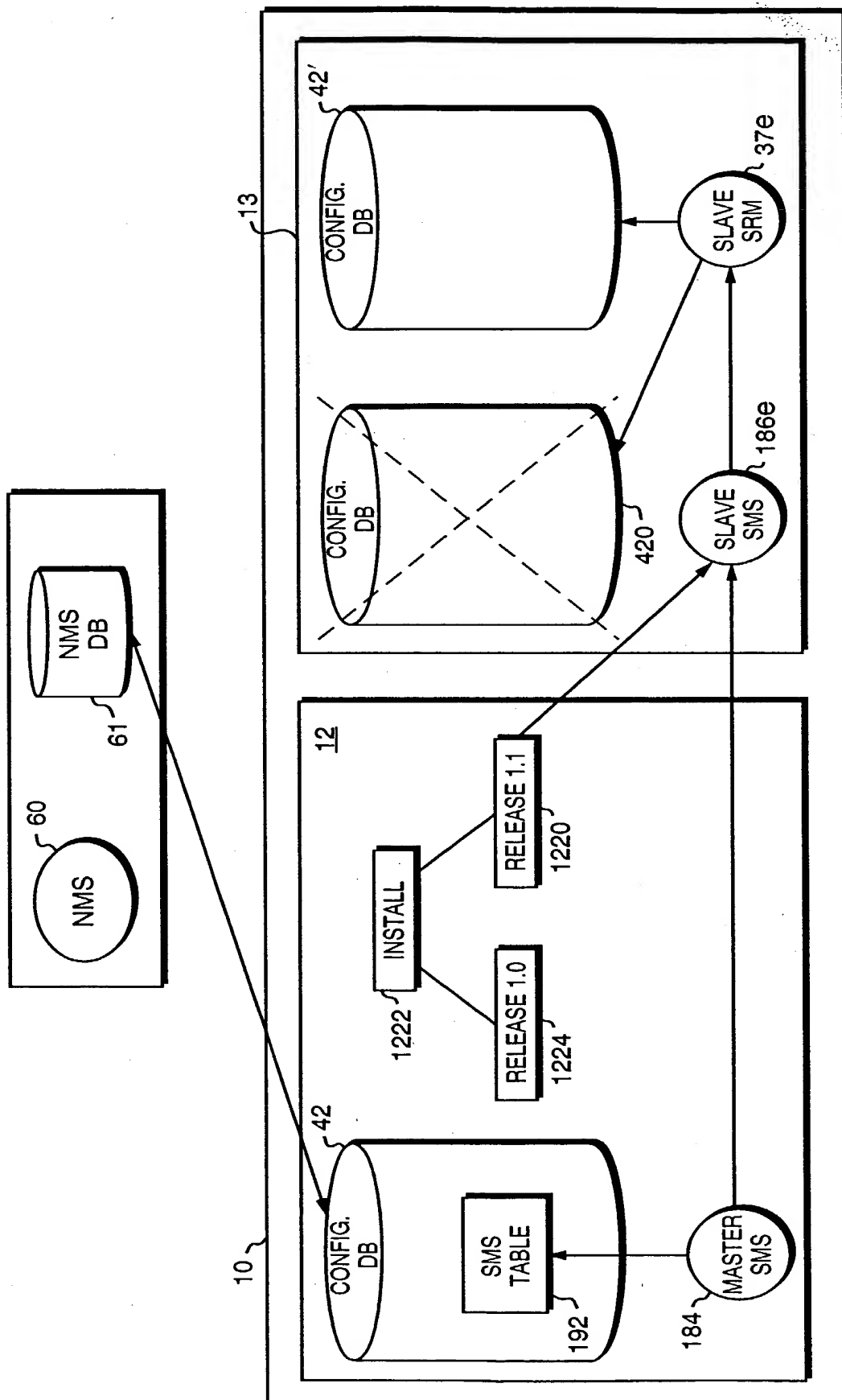


FIG. 22

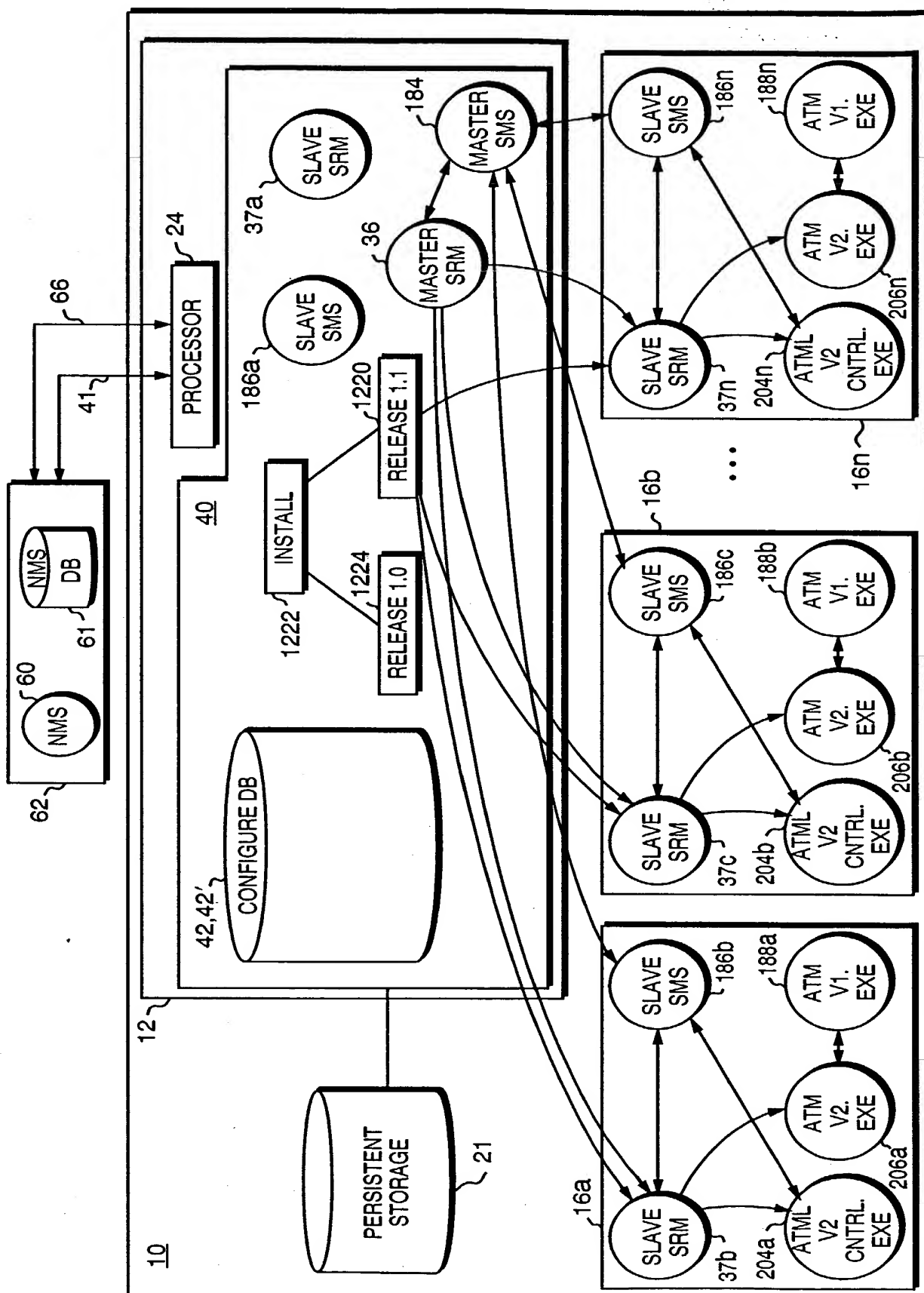


FIG. 23

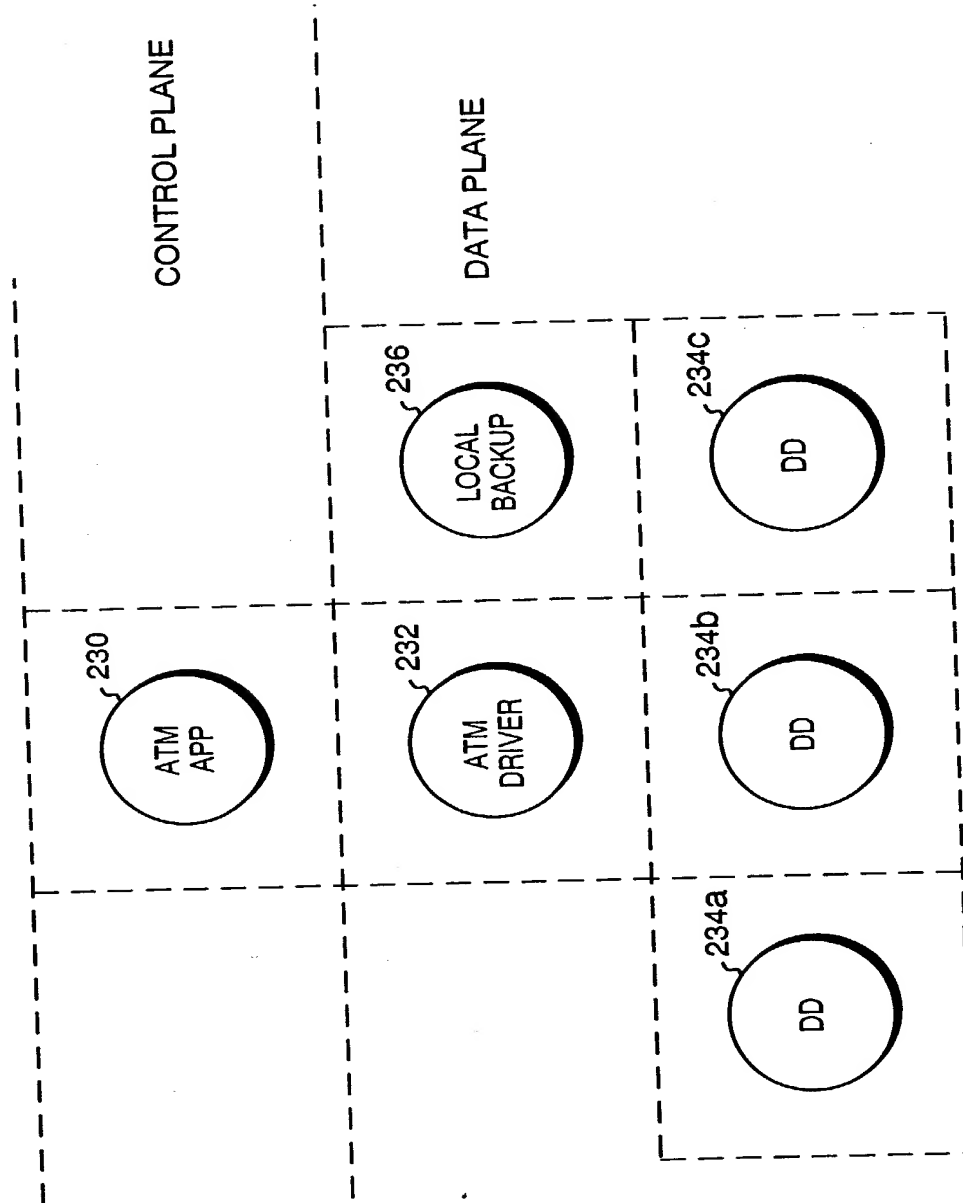


FIG. 24

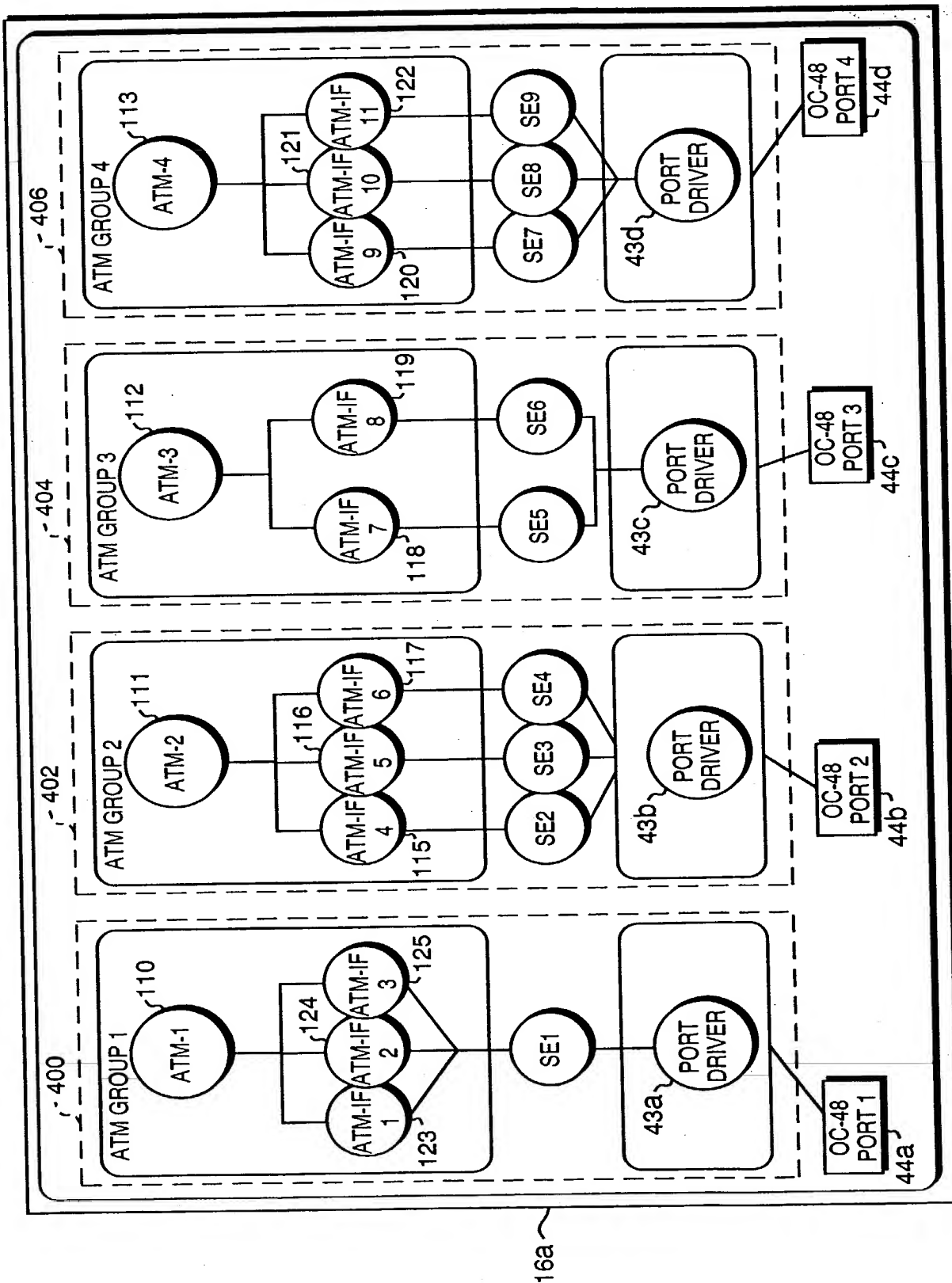


FIG. 25

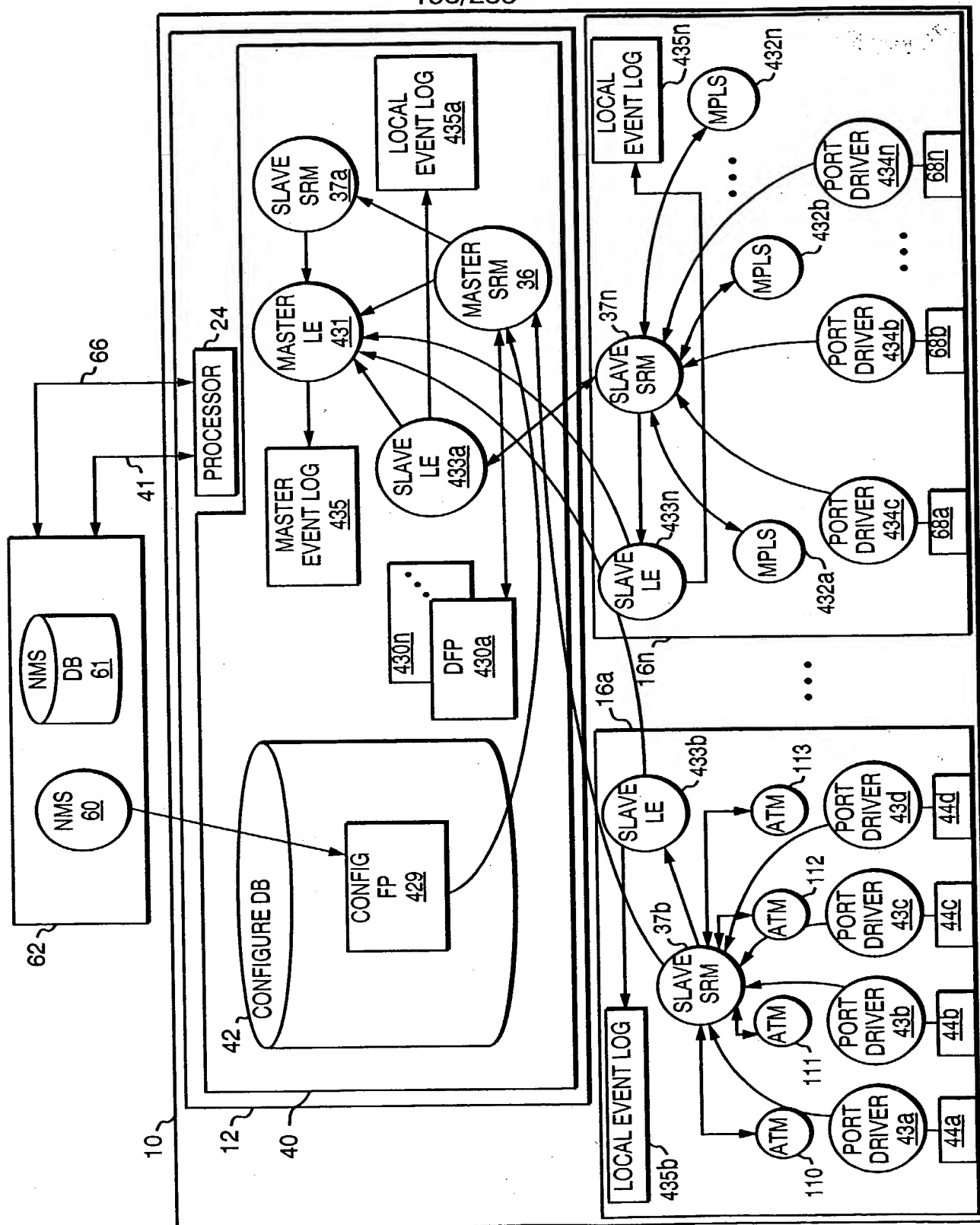


FIG. 26

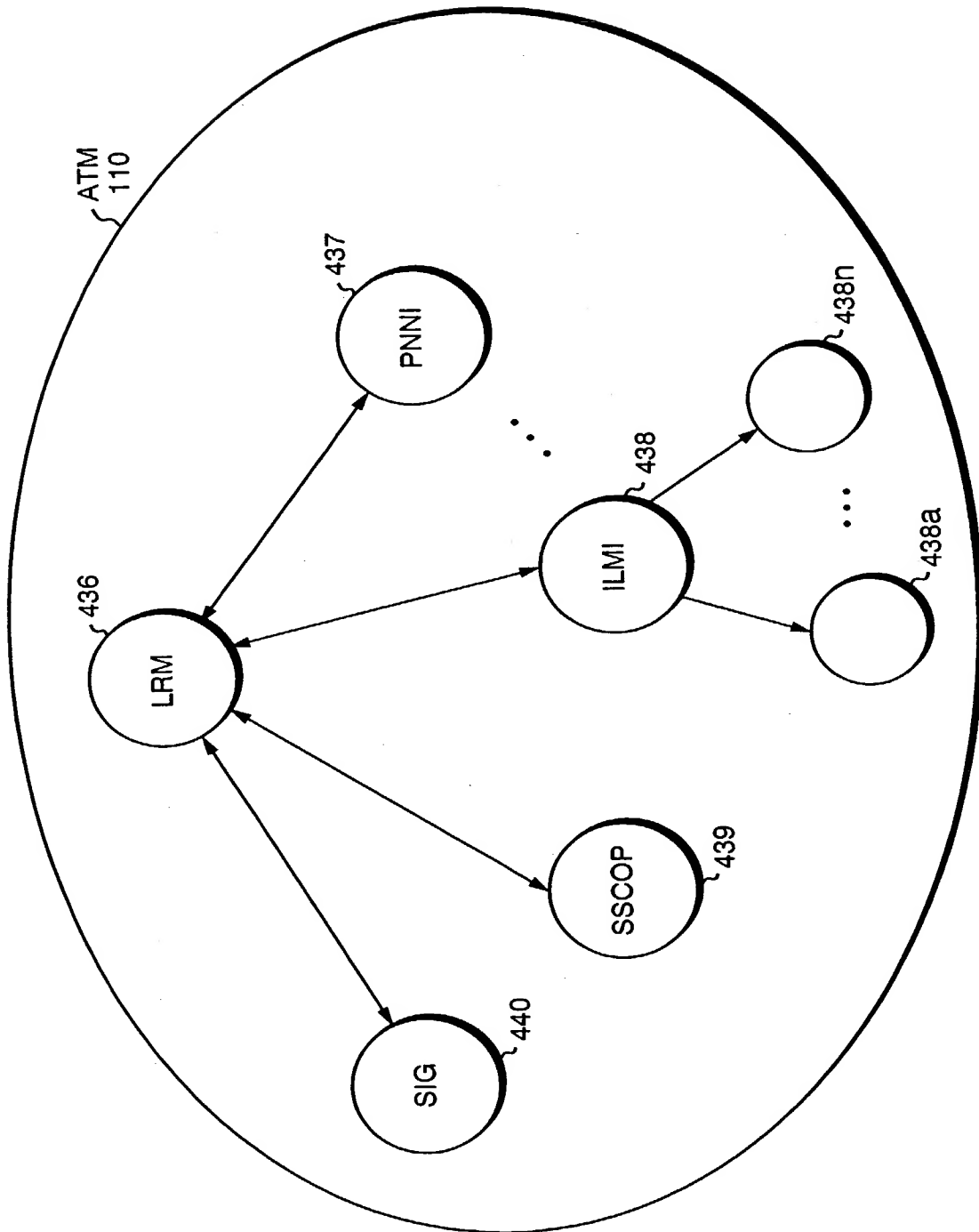


FIG. 27

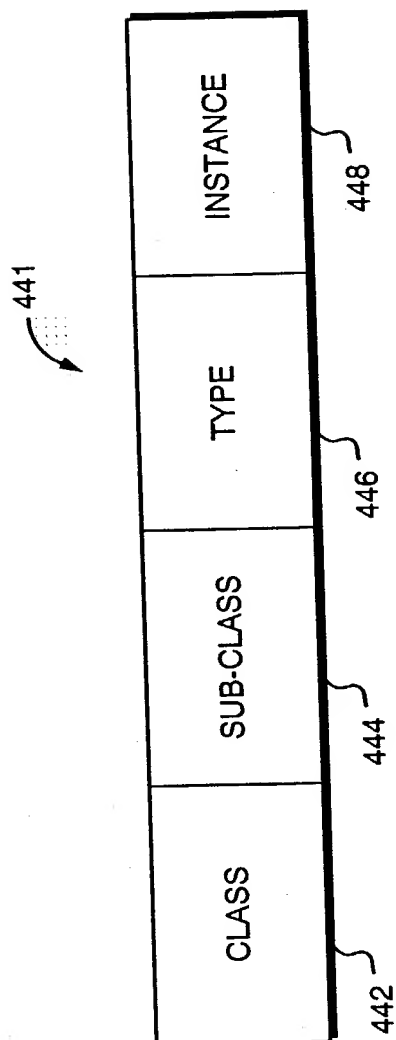


FIG. 28

201/289

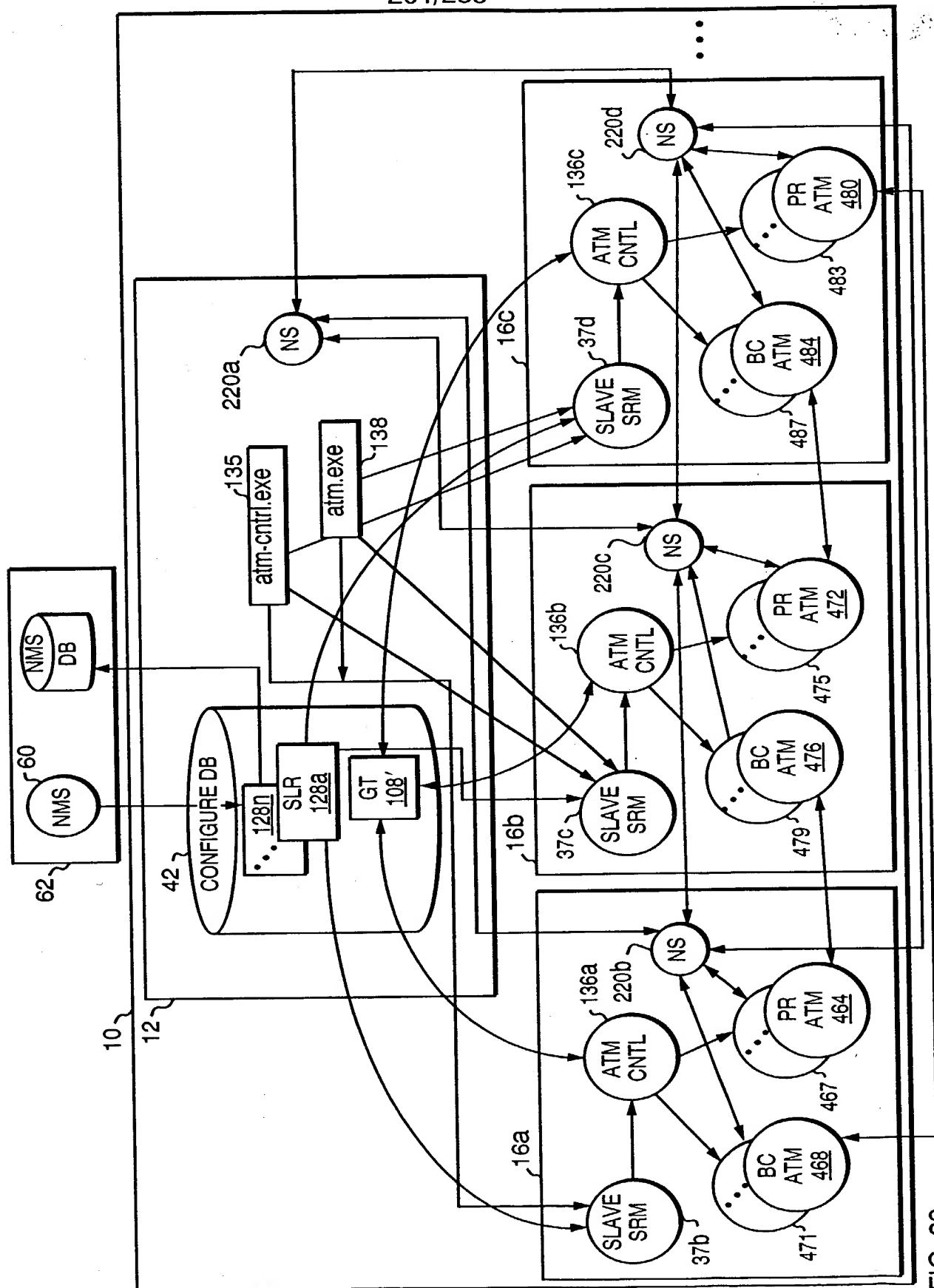


FIG. 29

5 447

449

FIG. 30

203/289

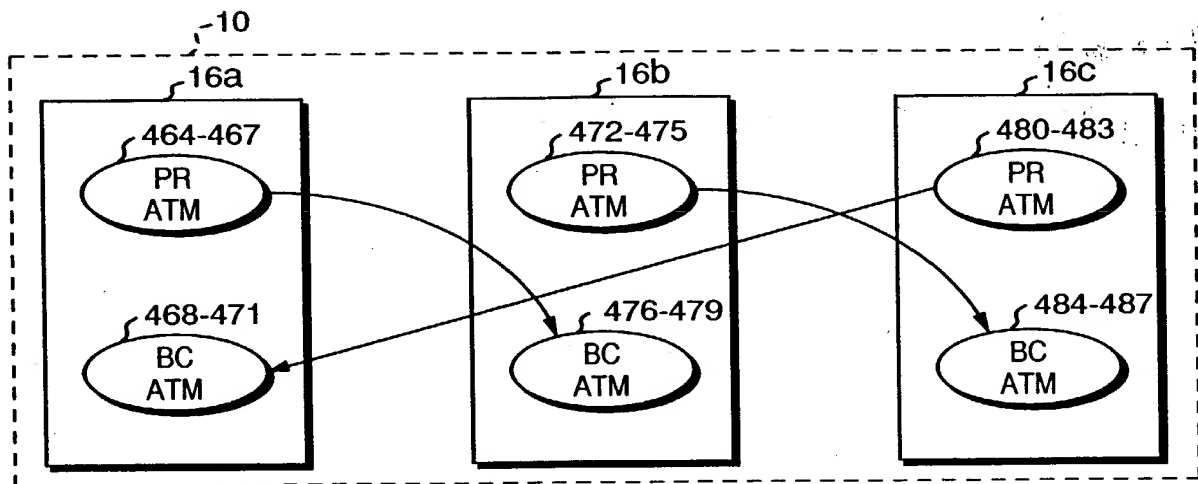


FIG. 31A

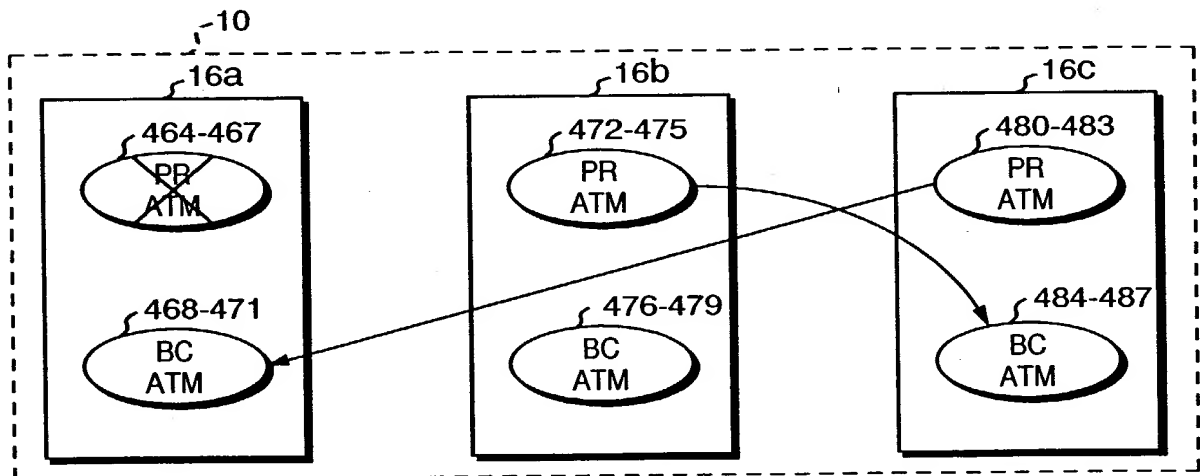


FIG. 31B

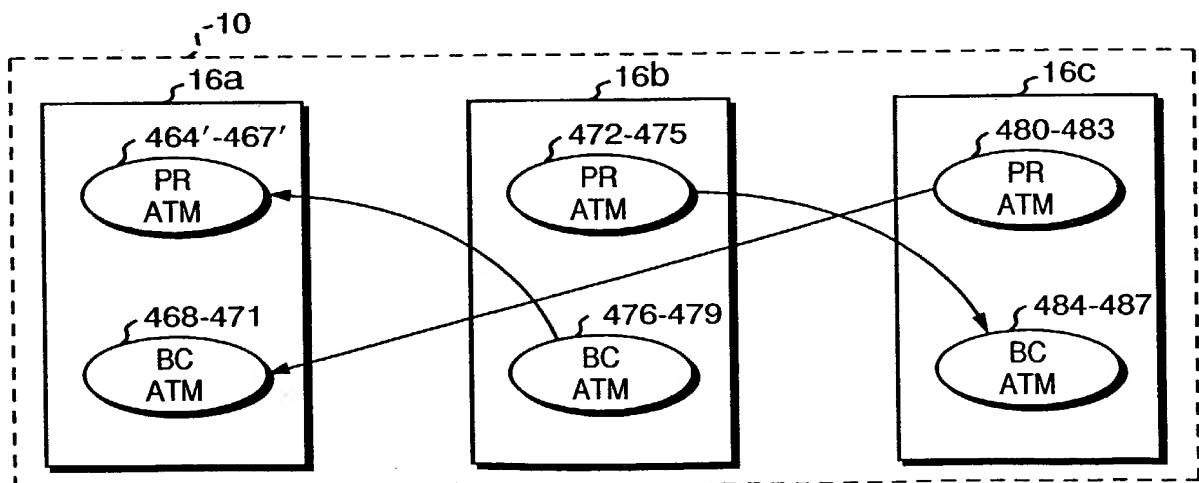


FIG. 31C

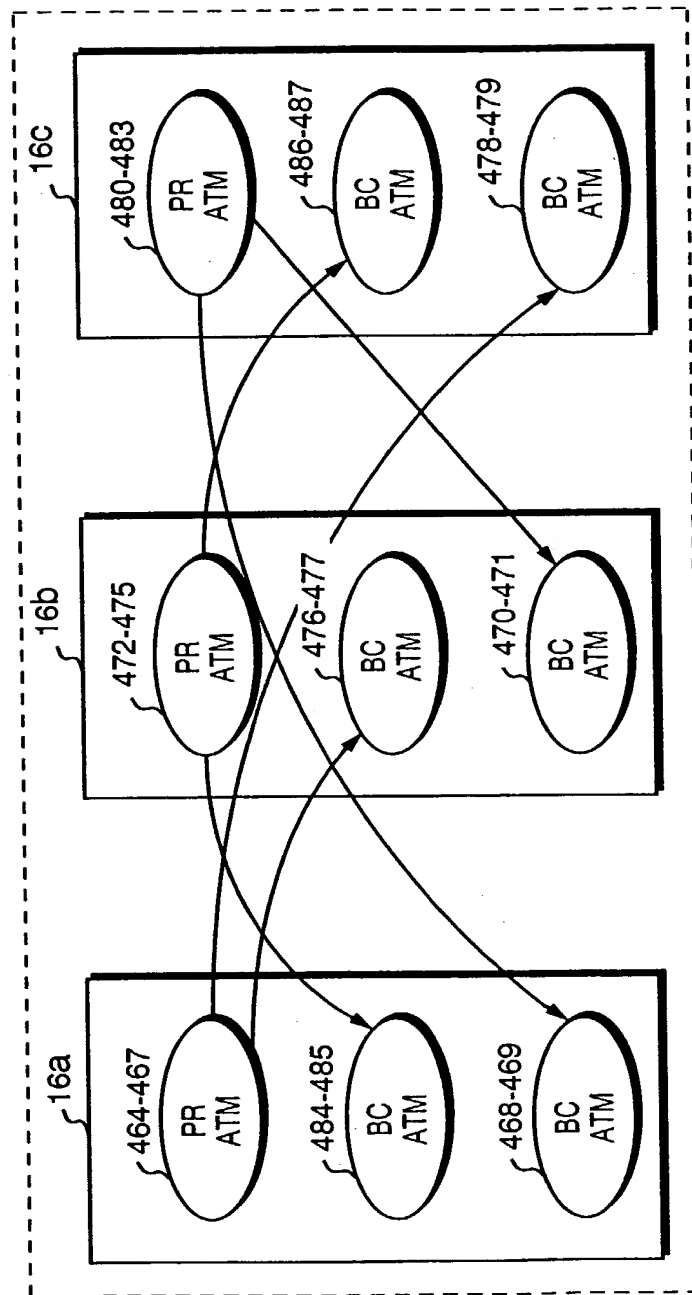


FIG. 32A

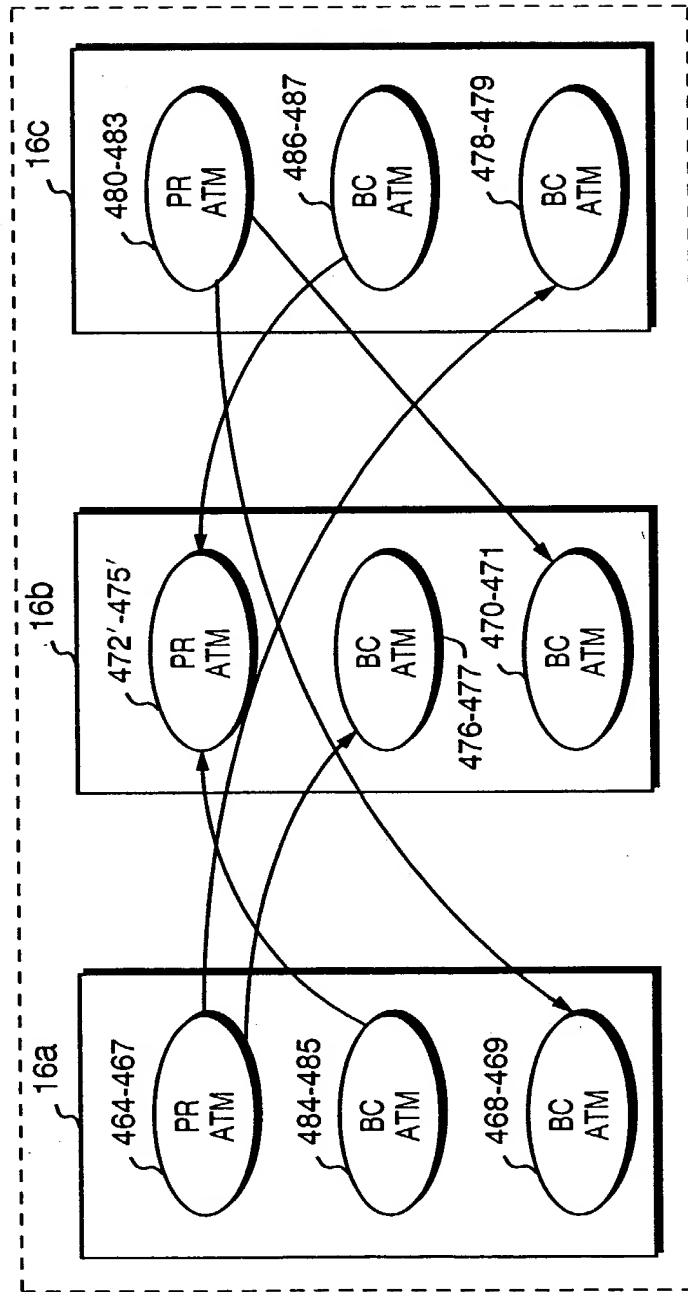


FIG. 32C

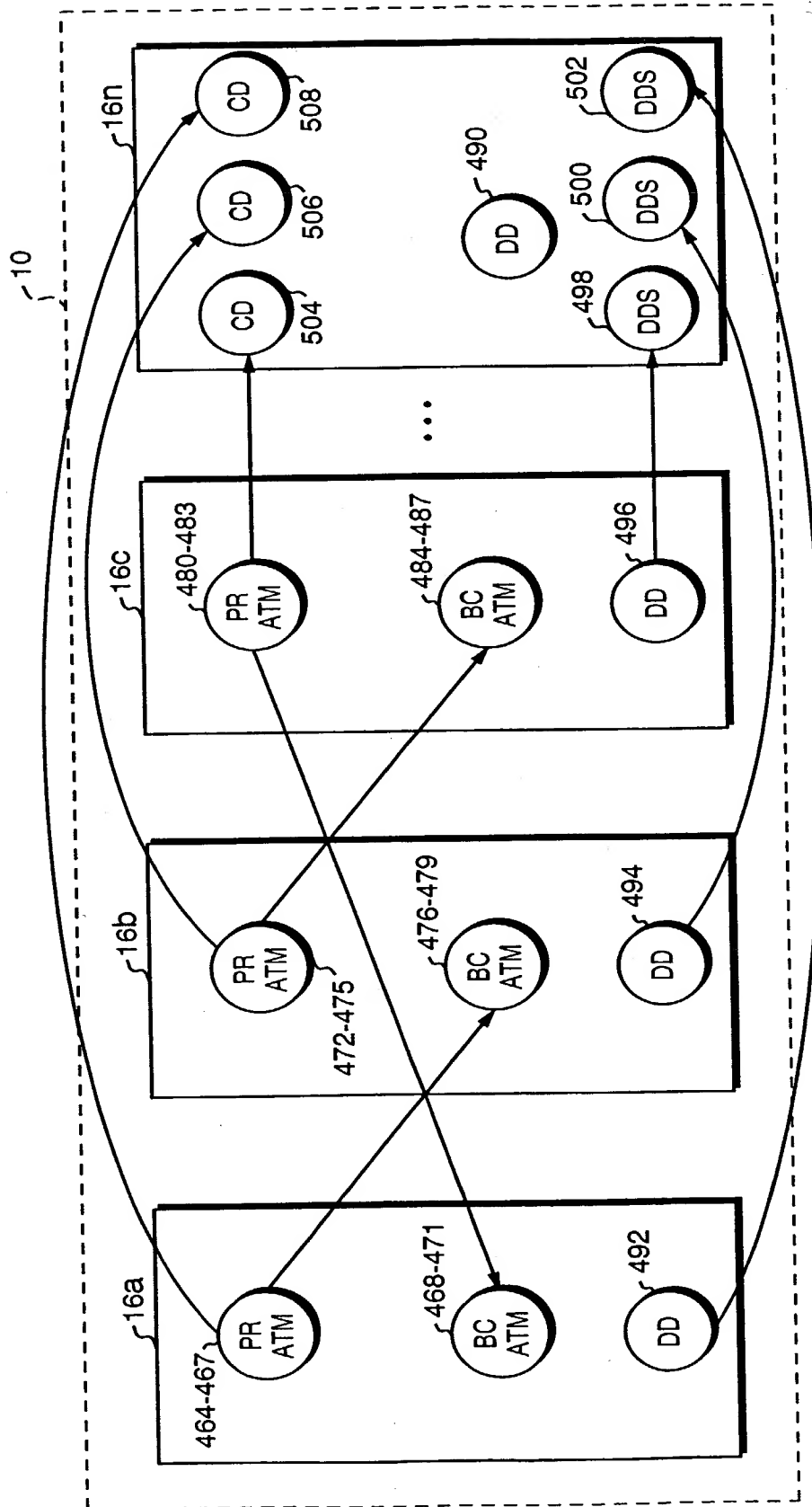


FIG. 33A

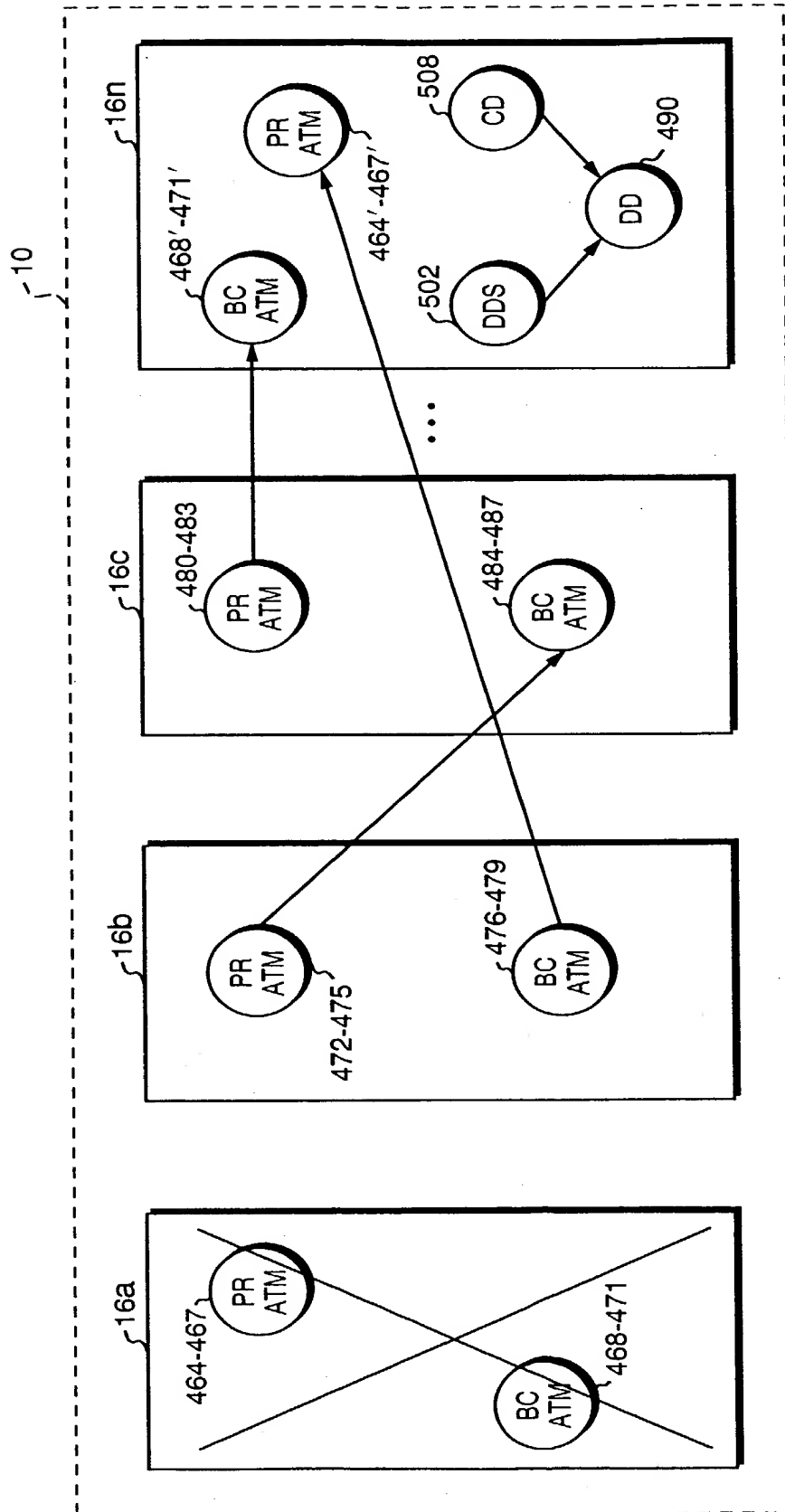


FIG. 33B

209/289

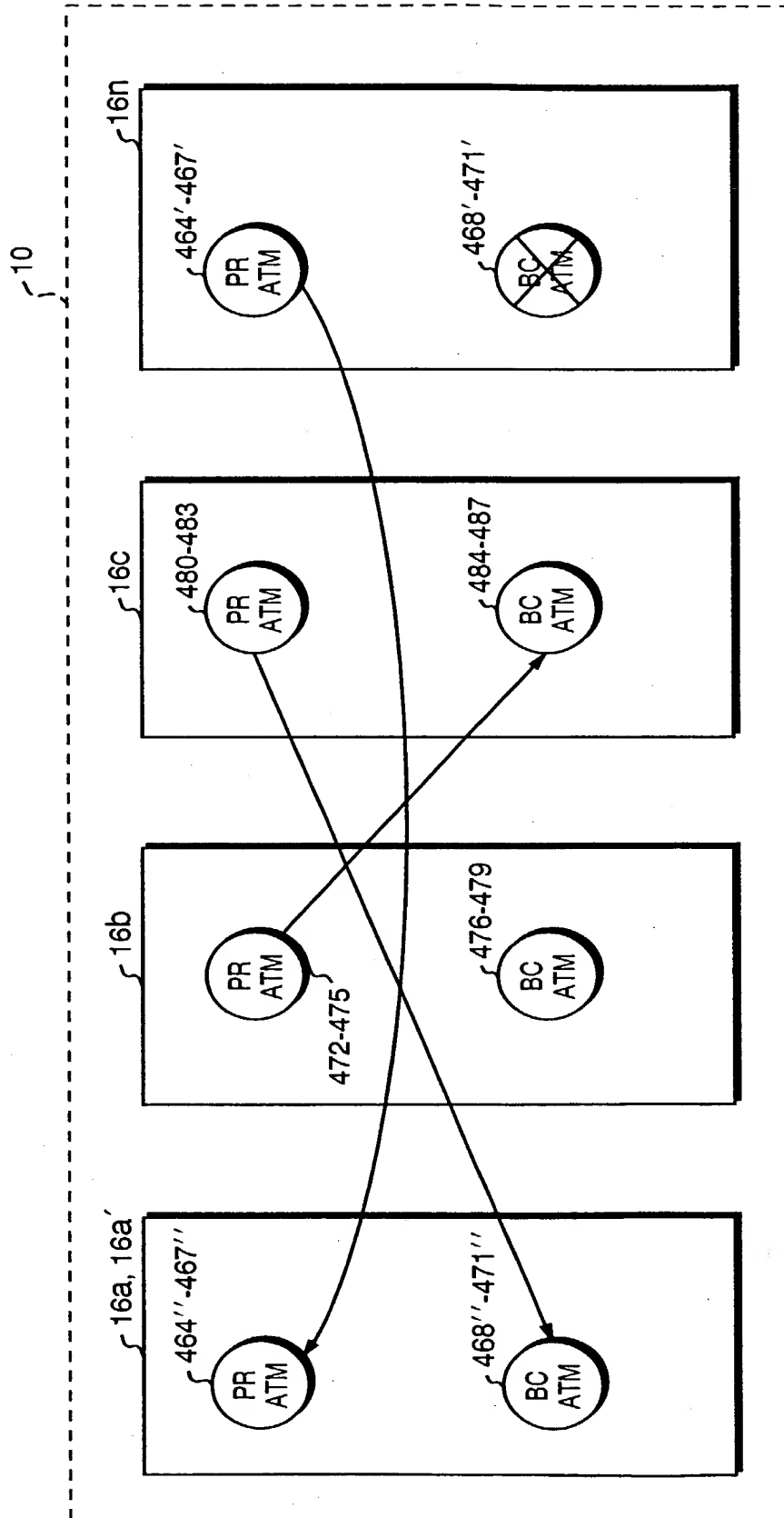


FIG. 33C

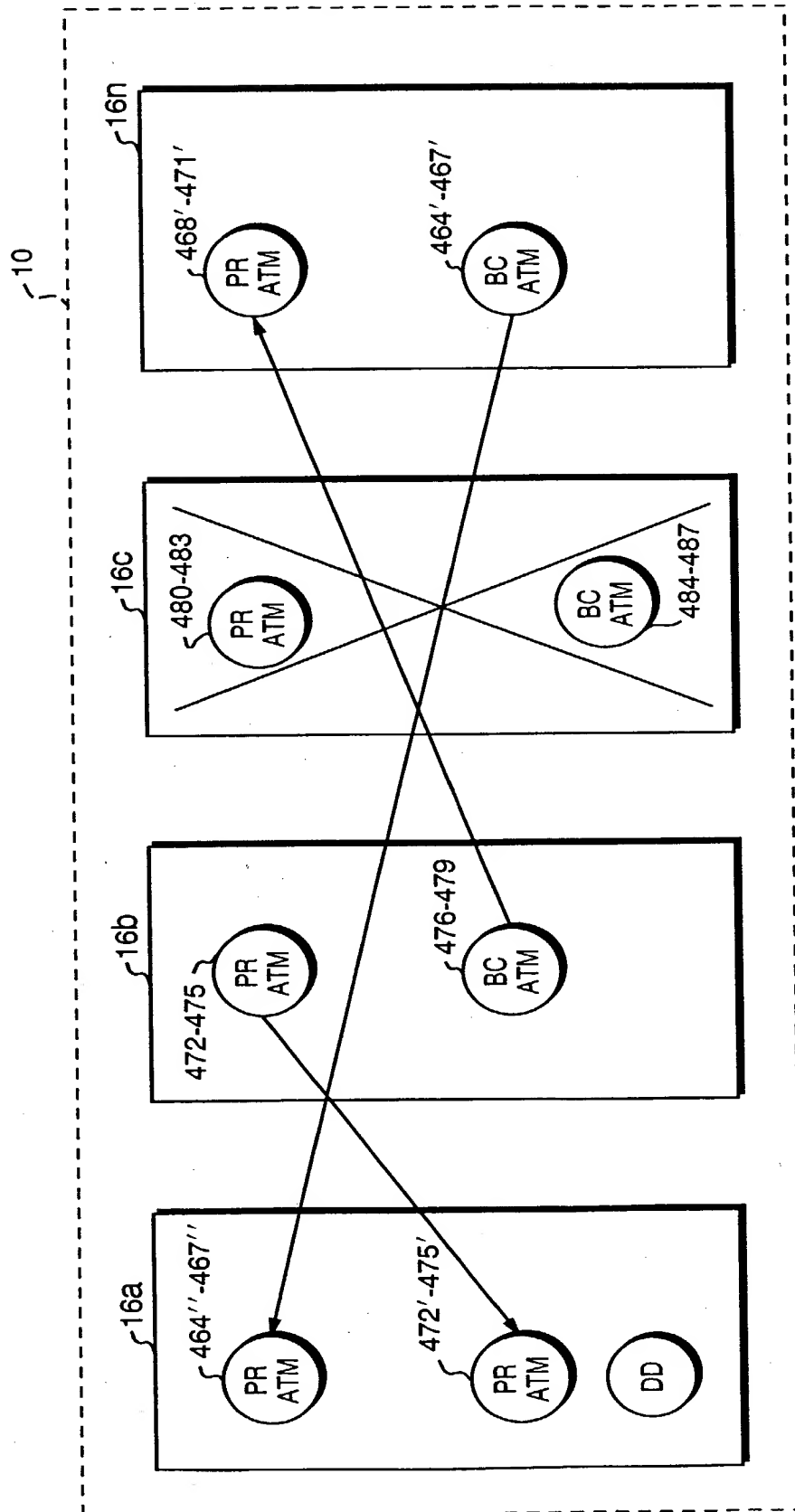


FIG. 33D

211/289

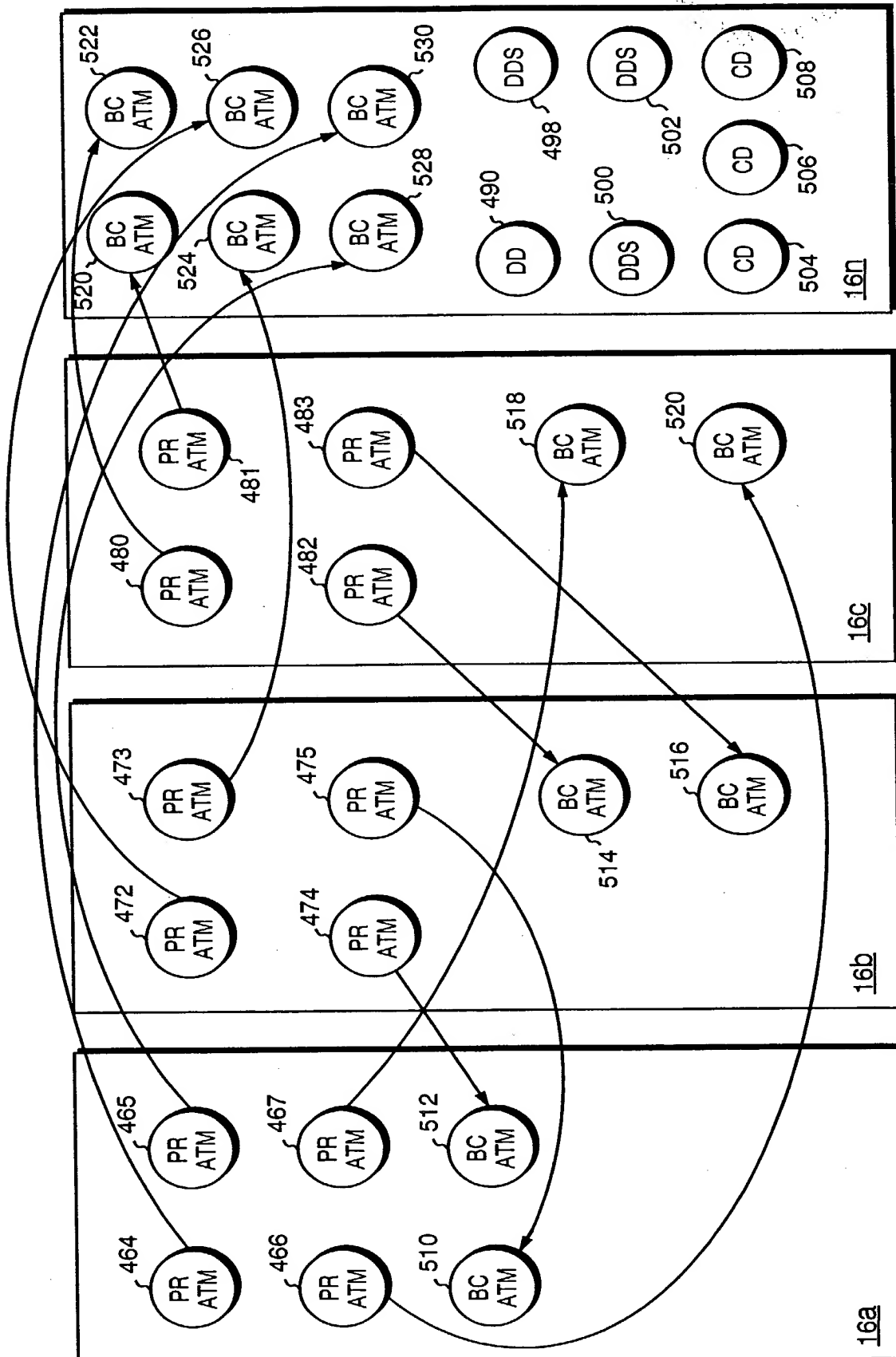


FIG. 34A

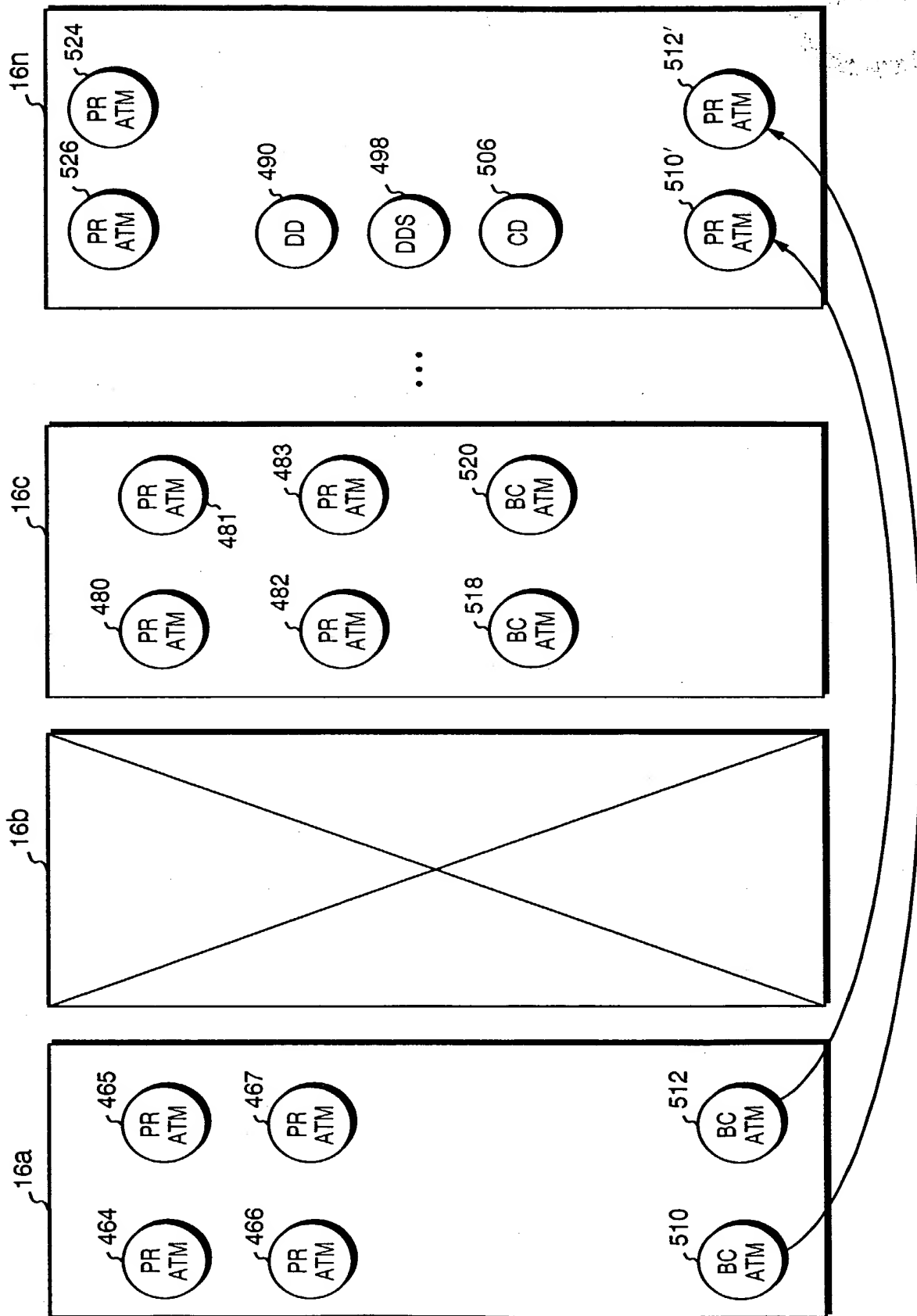


FIG. 34B

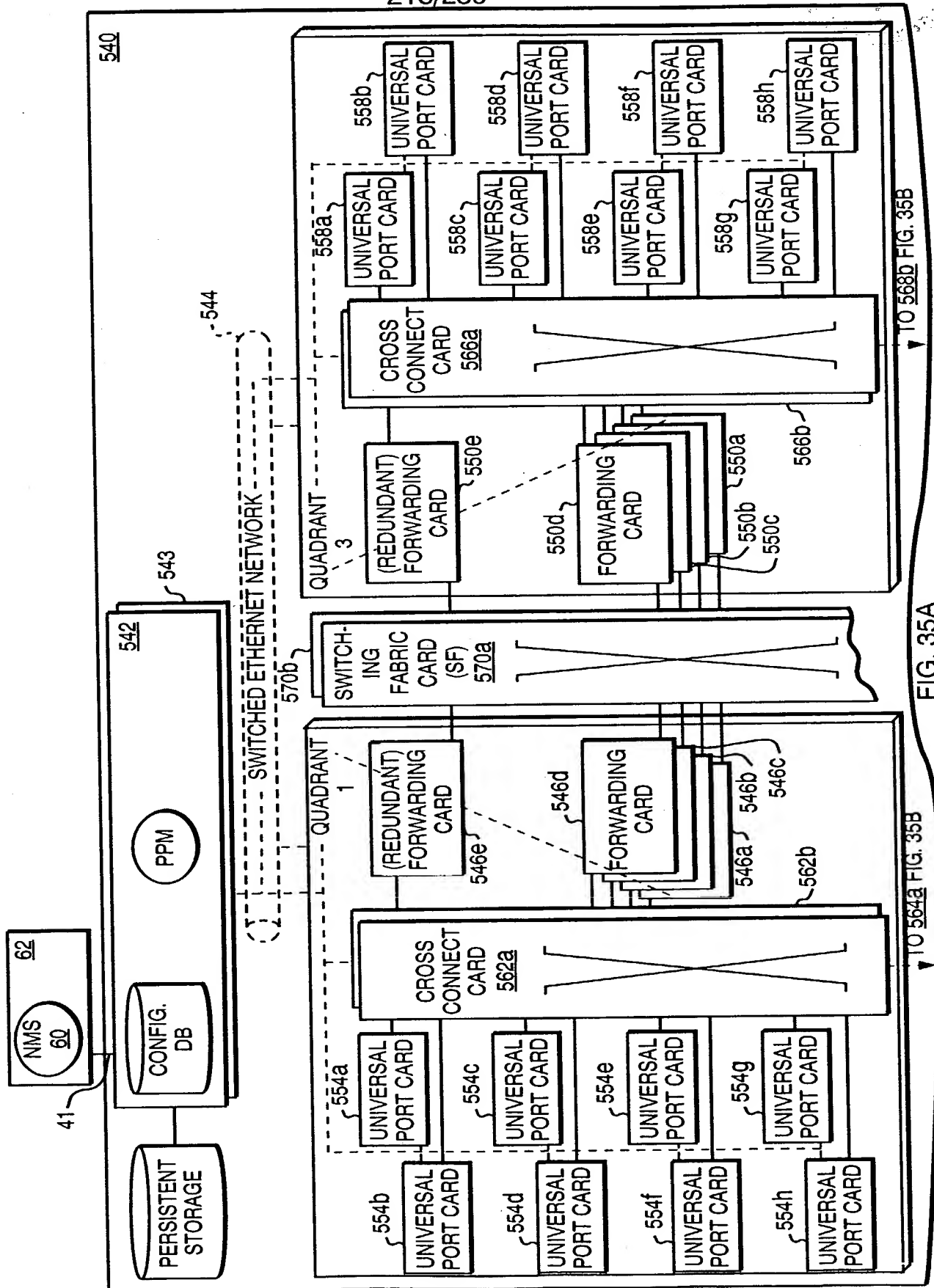


FIG. 35A

TO 568d FIG. 35B

TO 564a FIG. 35B

214/289

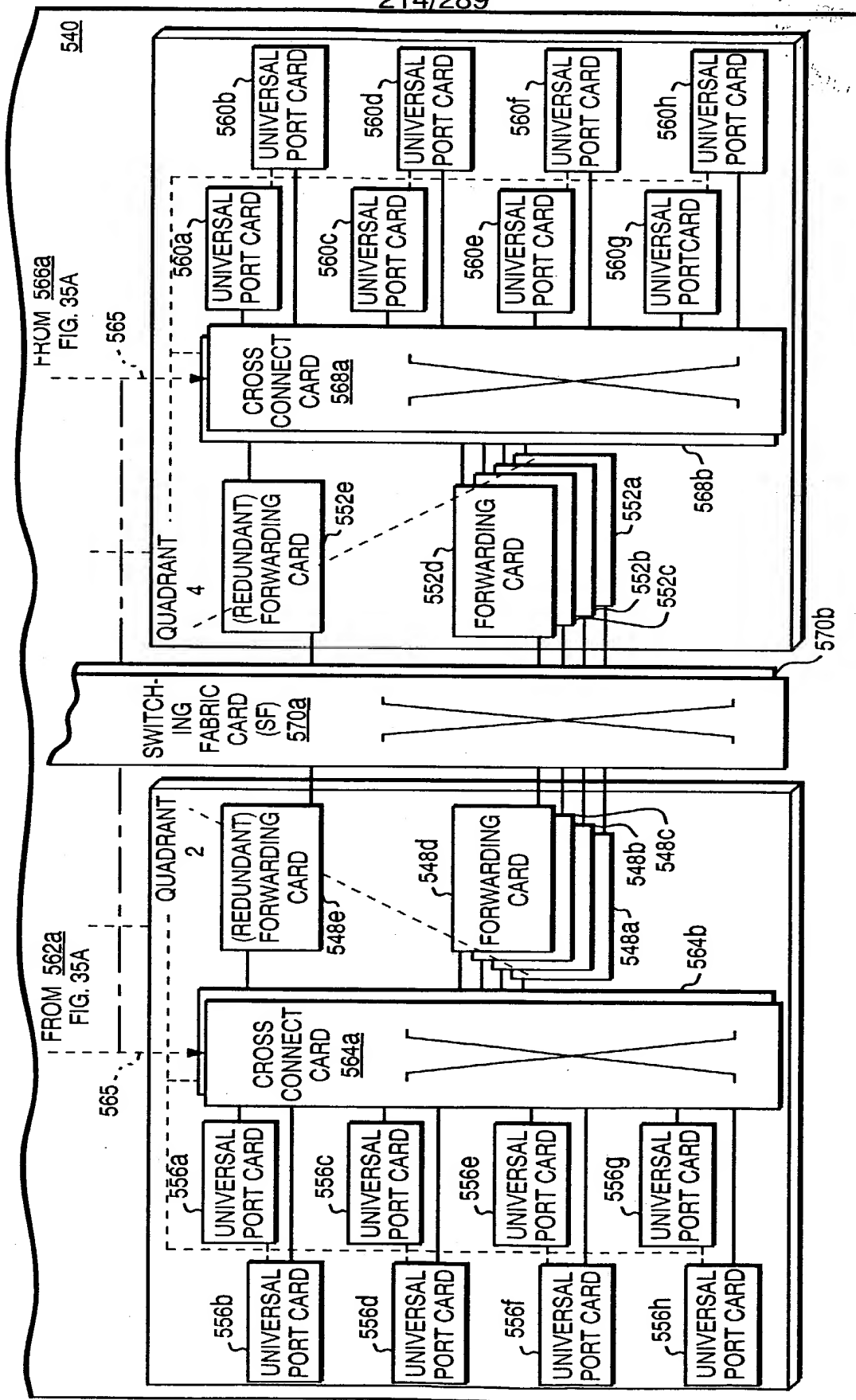


FIG. 35B

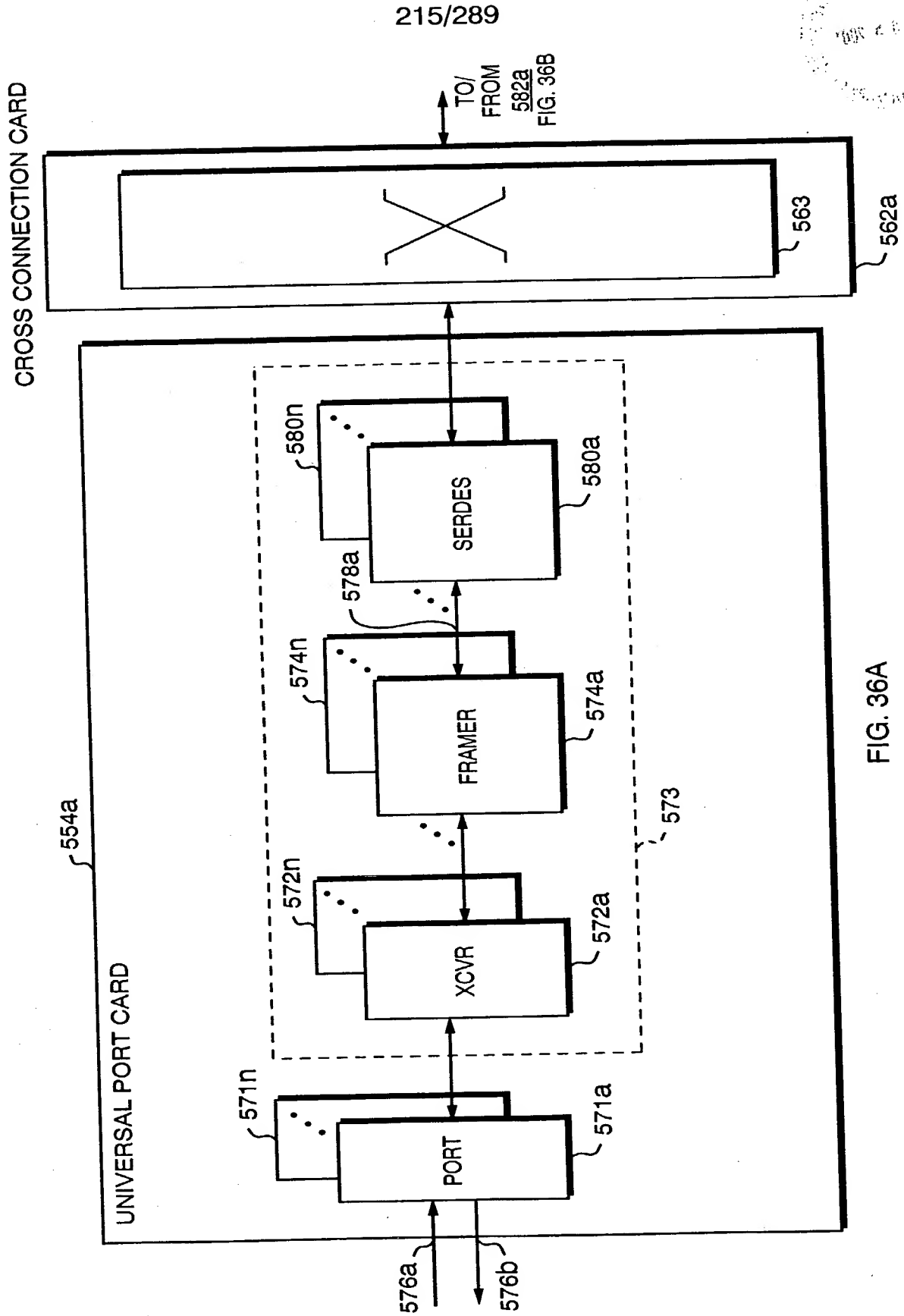


FIG. 36A

216/289

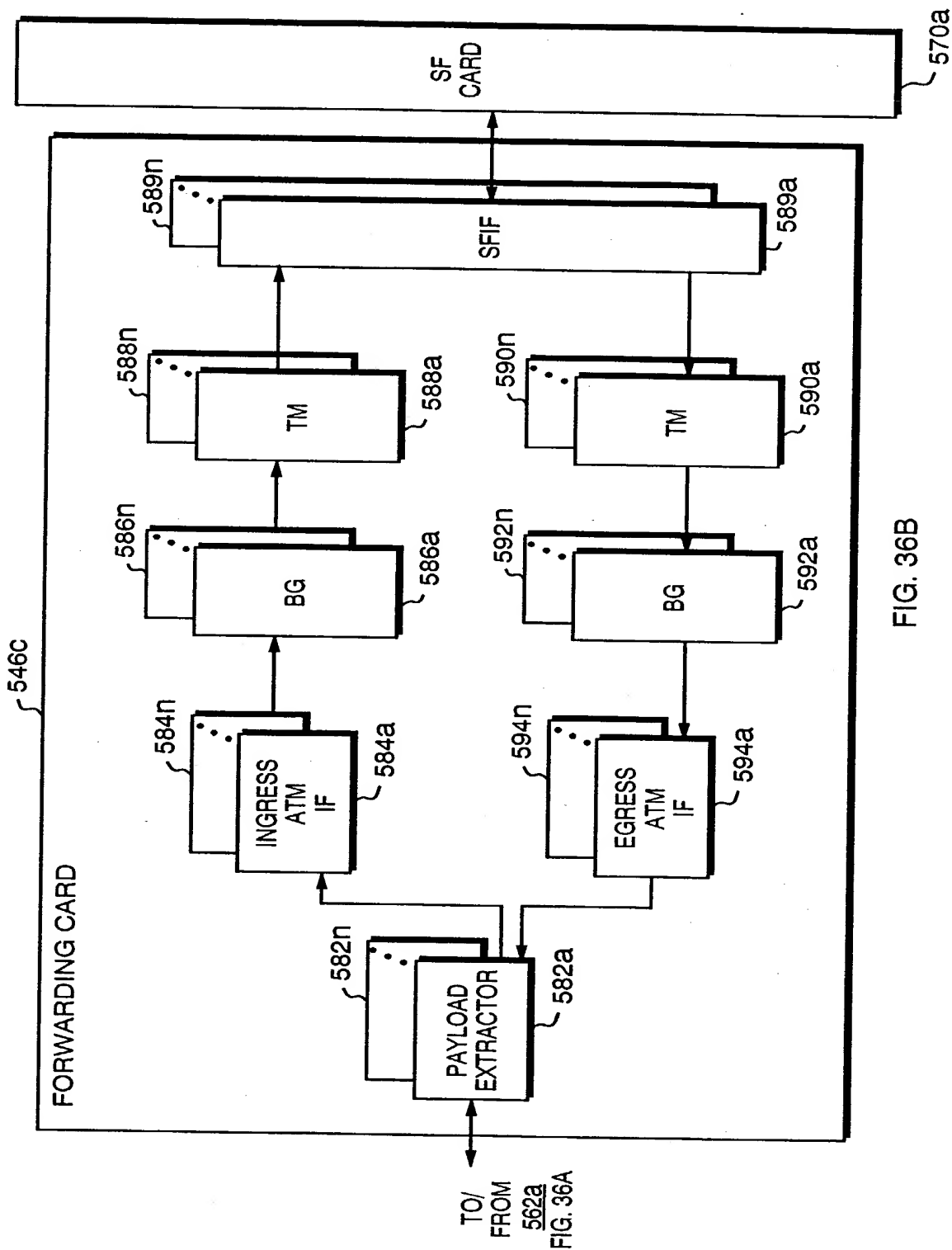


FIG. 36B

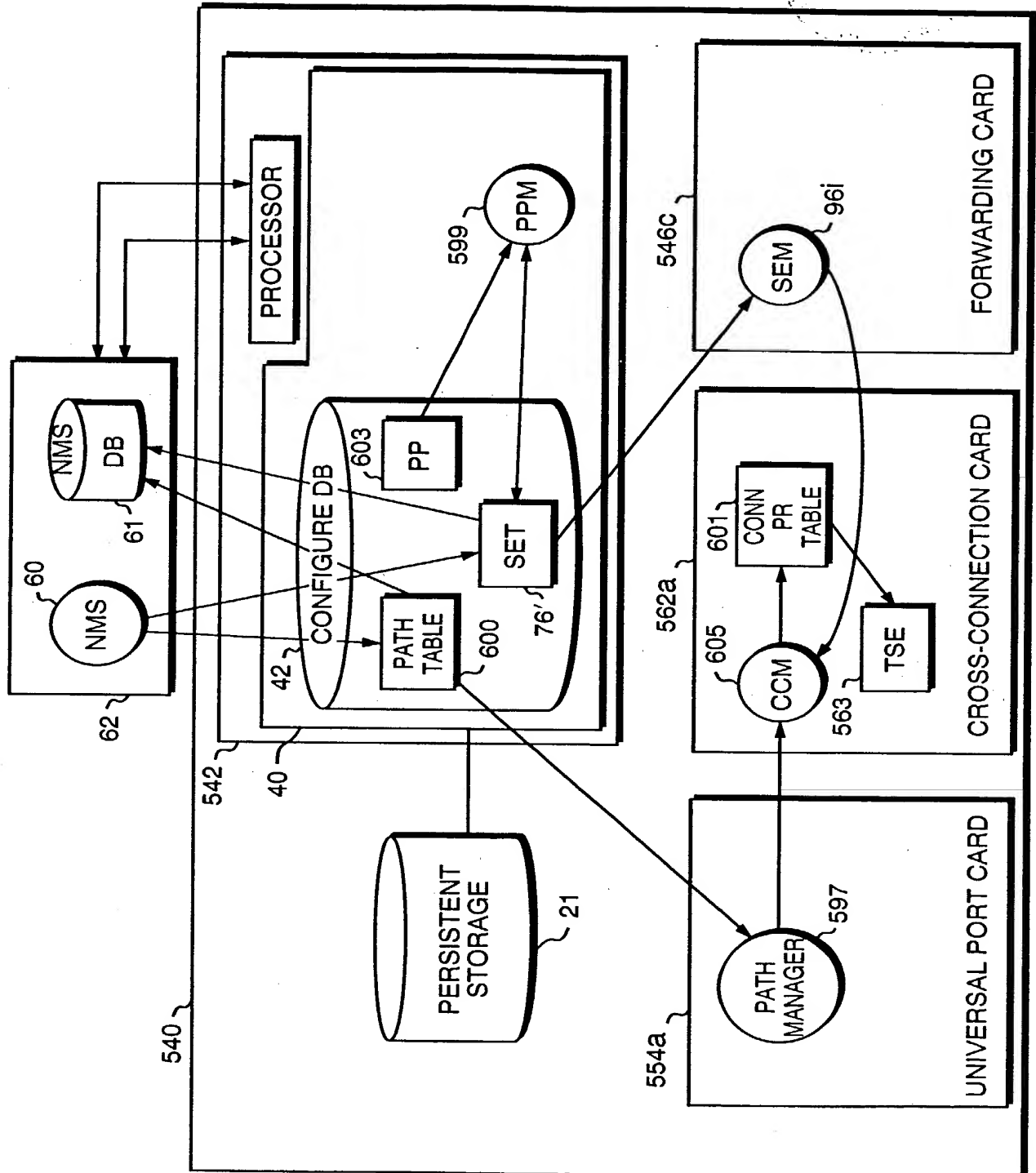


FIG. 37

602

PATH LID	UP PORT LID	TIME SLOT	# OF TIME SLOTS	...
1666	1231	4	3	
.
.
.

FIG. 38

219/289



SERVICE END POINT TABLE 76'

604			{ 606		{ 608		{ 610	
	SE #	Q #	FC LID	FC SLICE	FC TIME SLOT	PATH PID	...	
	878	1				1666		
	:	:	:	:	:	:	:	

FIG. 39

220/189

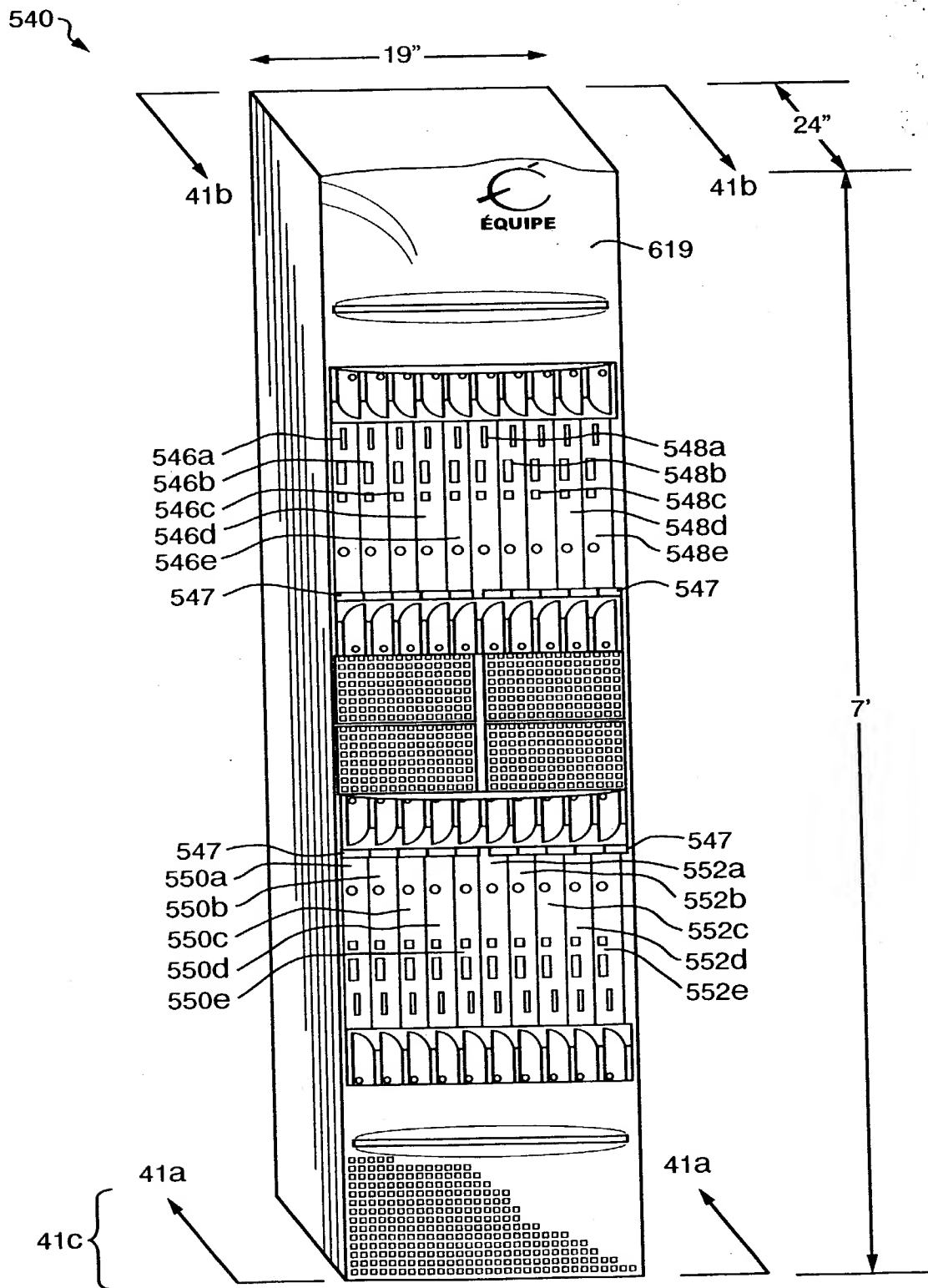
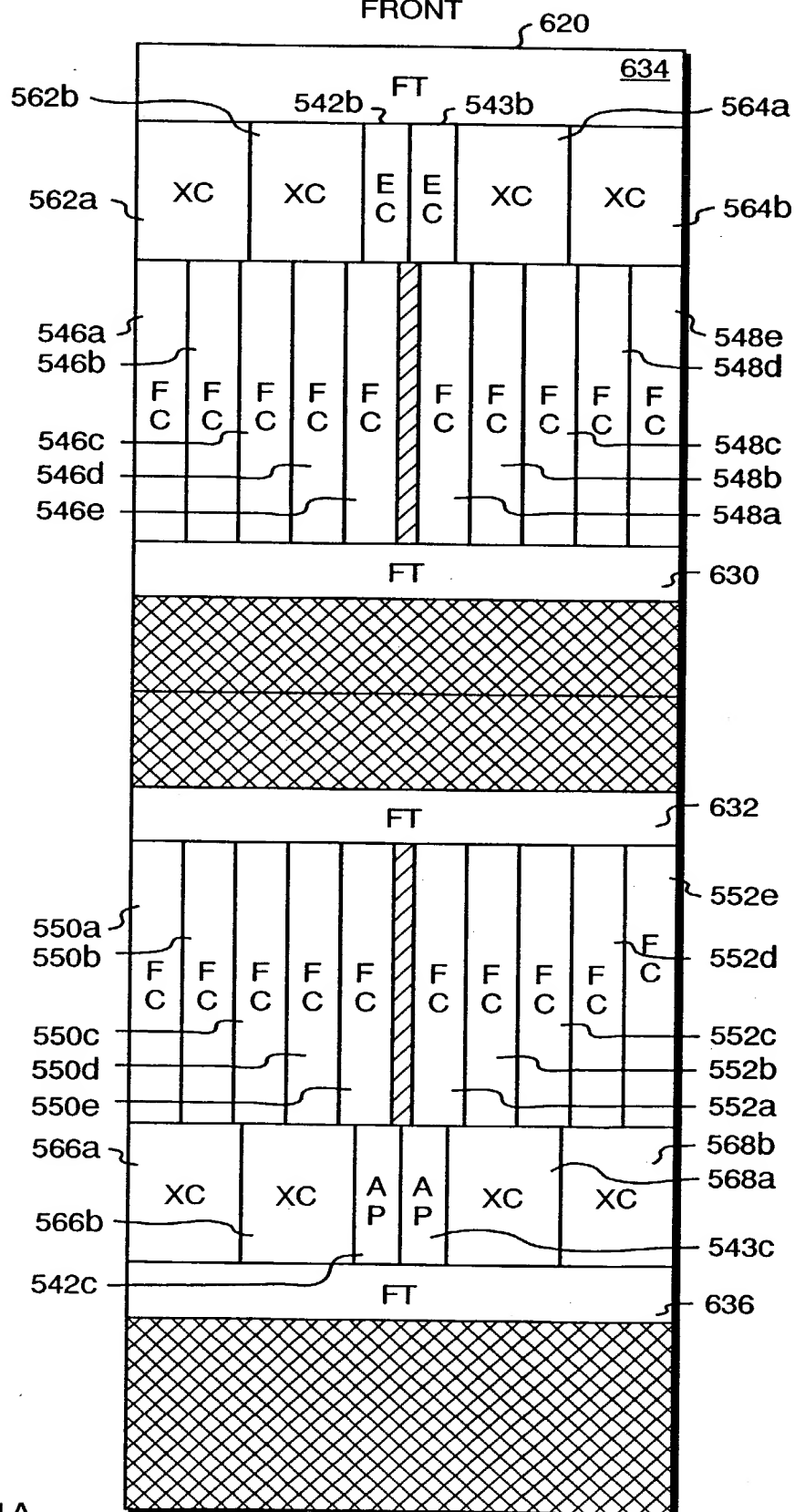
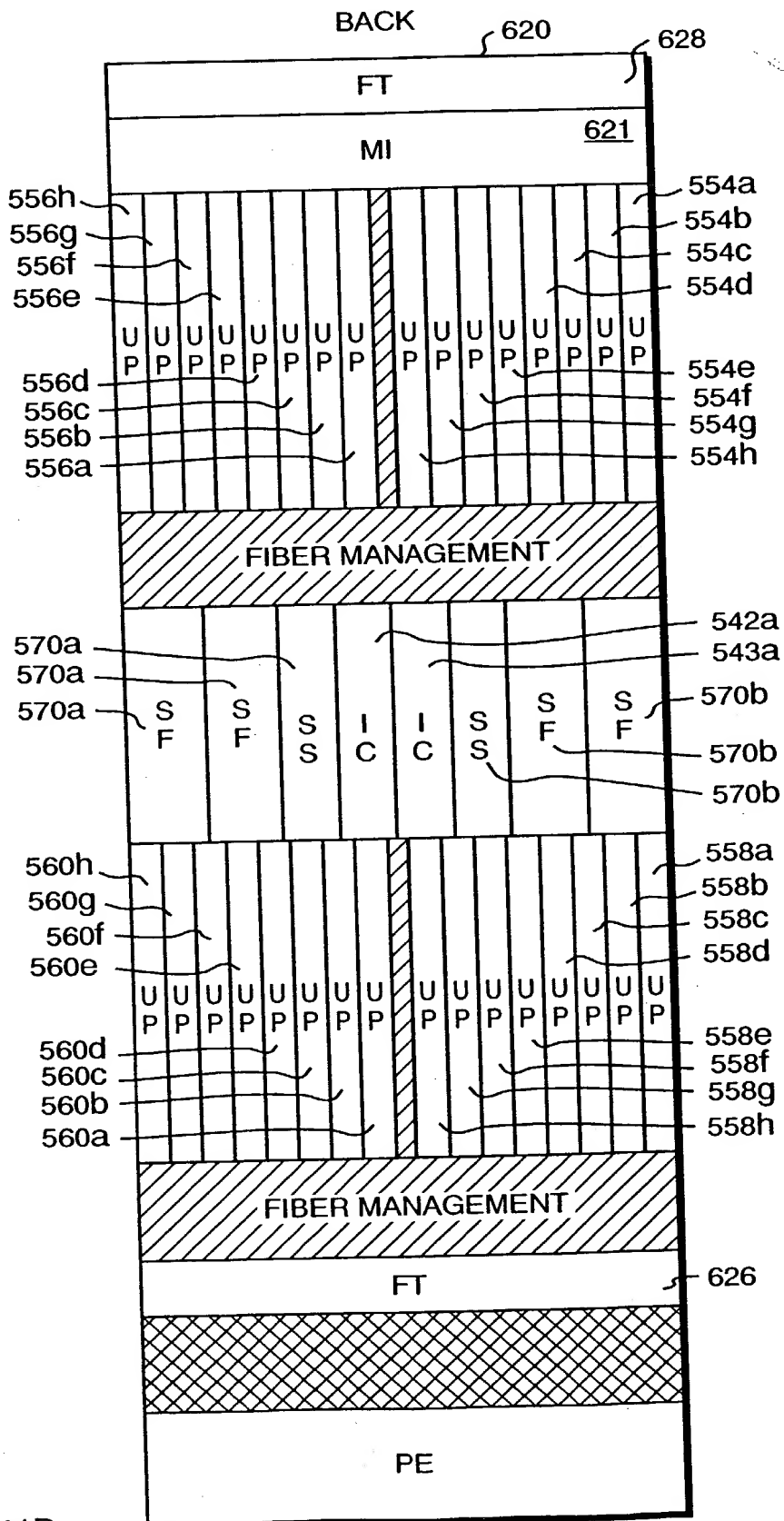


FIG. 40

221/289

FRONT





223/289

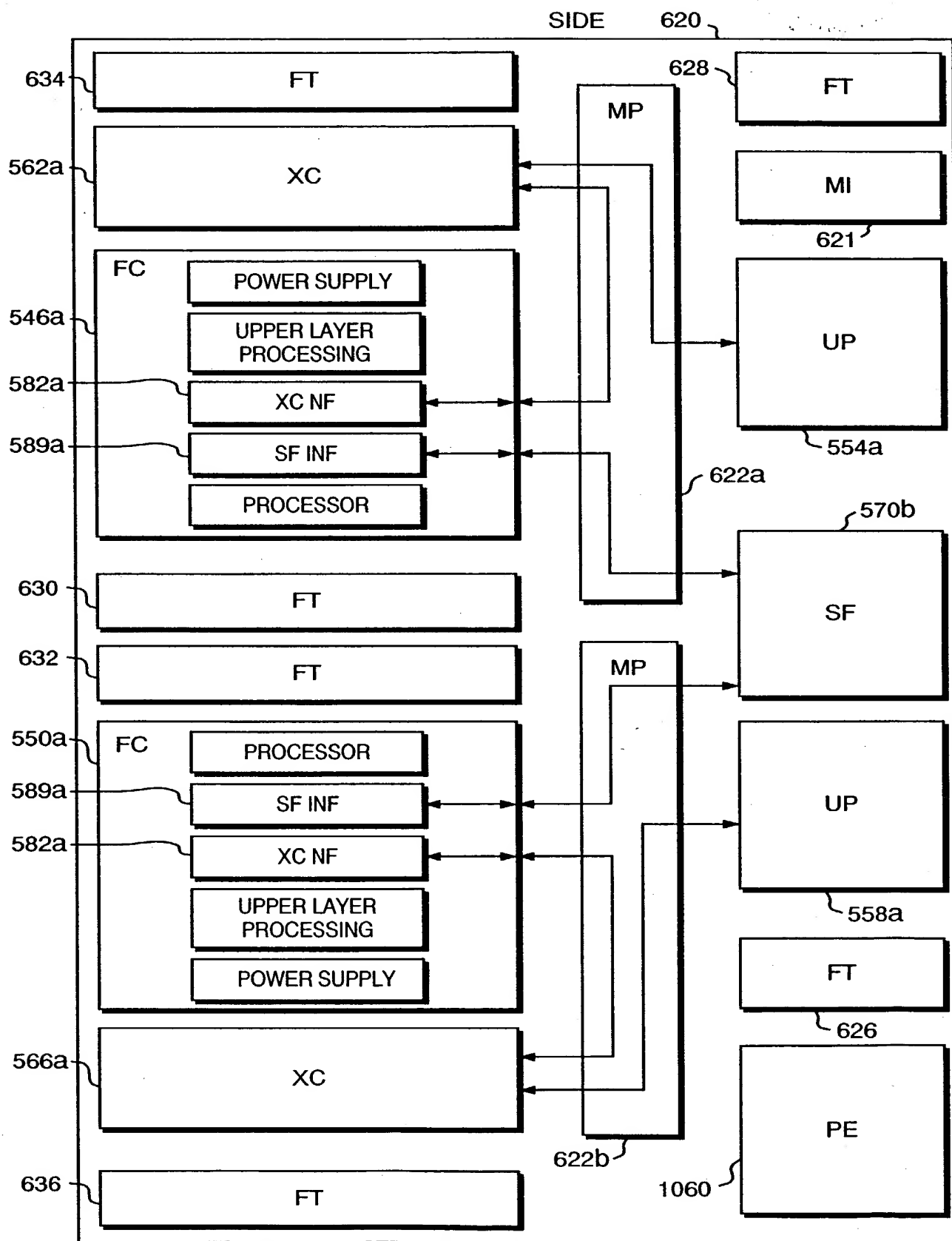


FIG. 41C

224/289

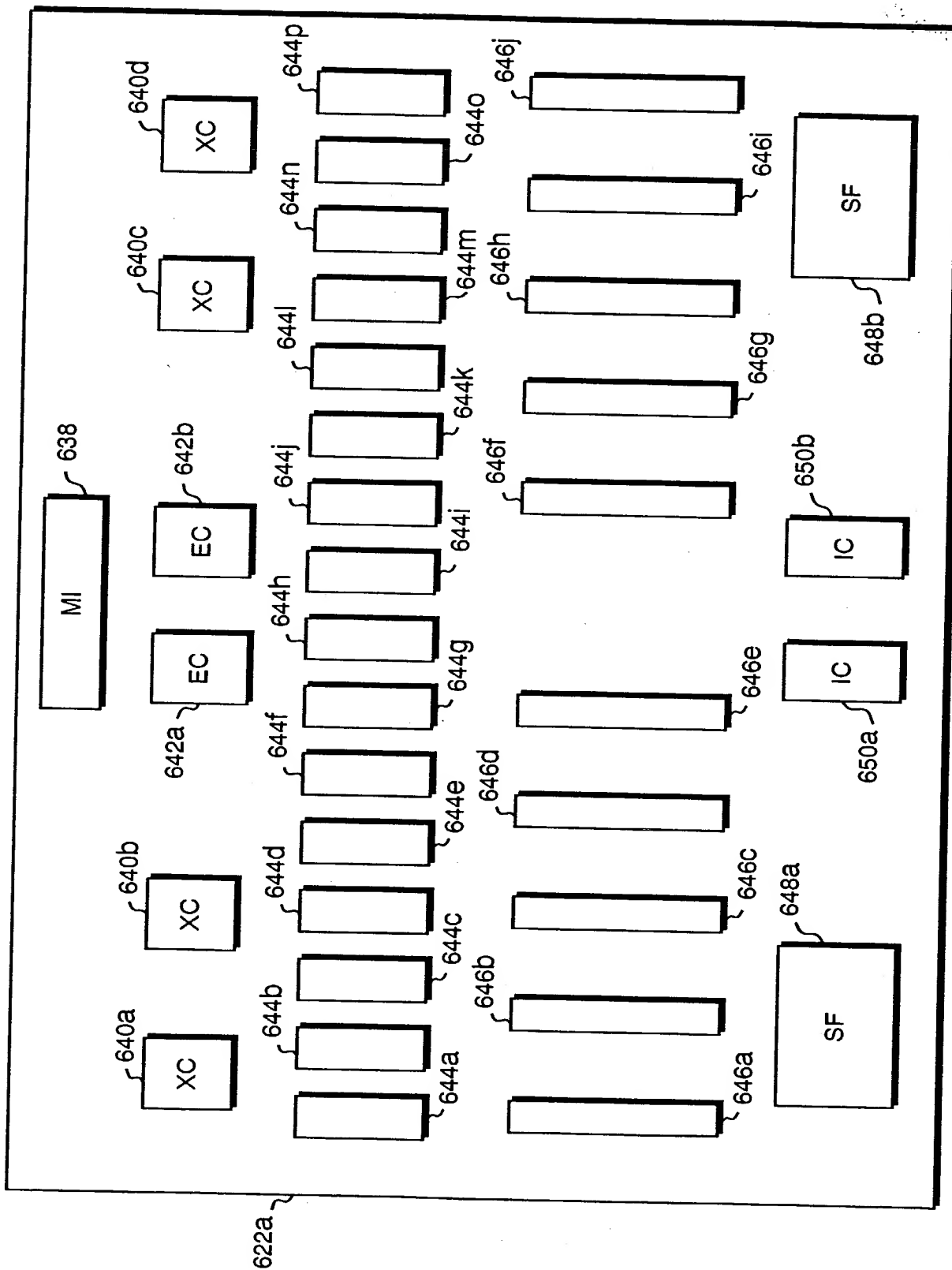


FIG. 42A

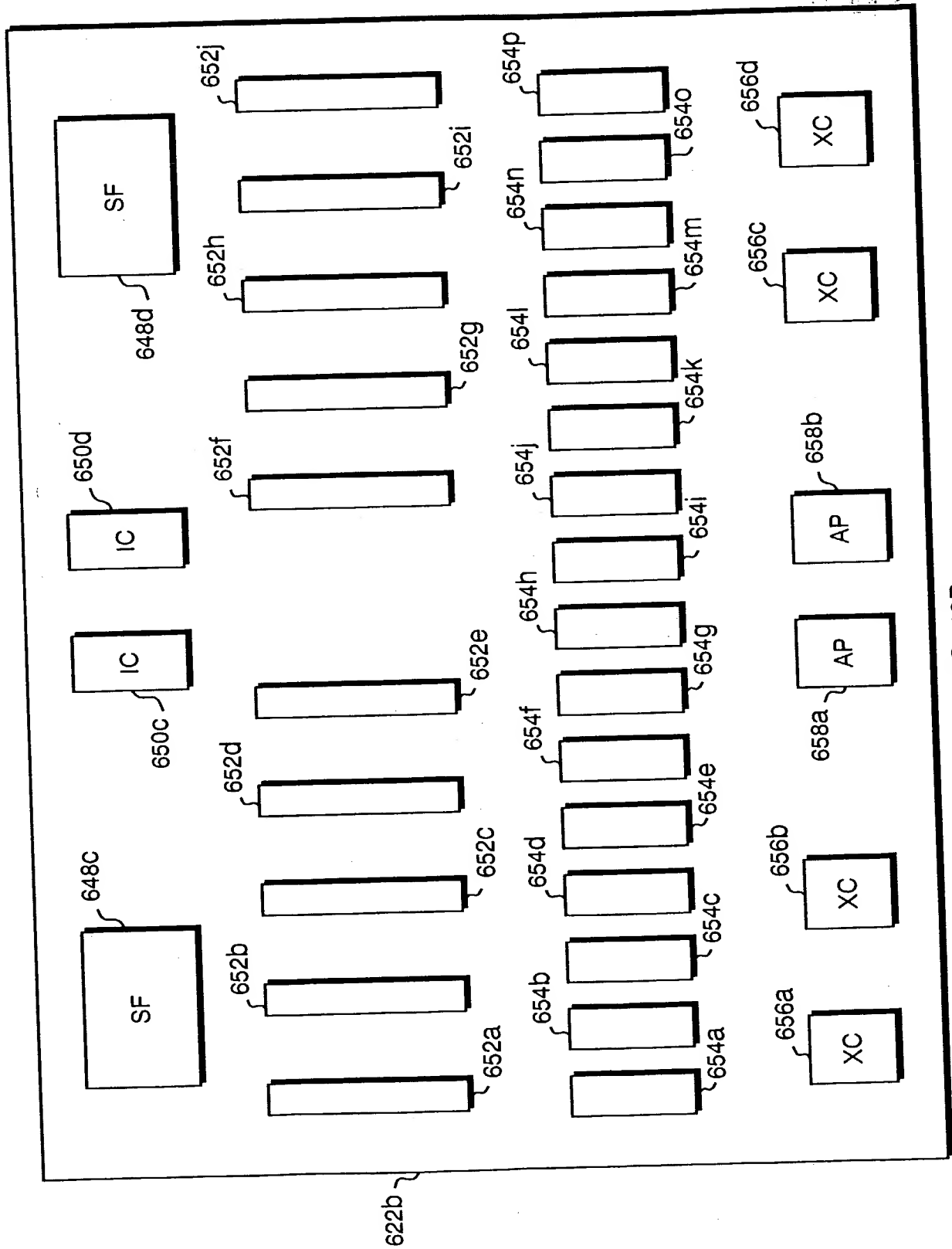


FIG. 42B

226/289

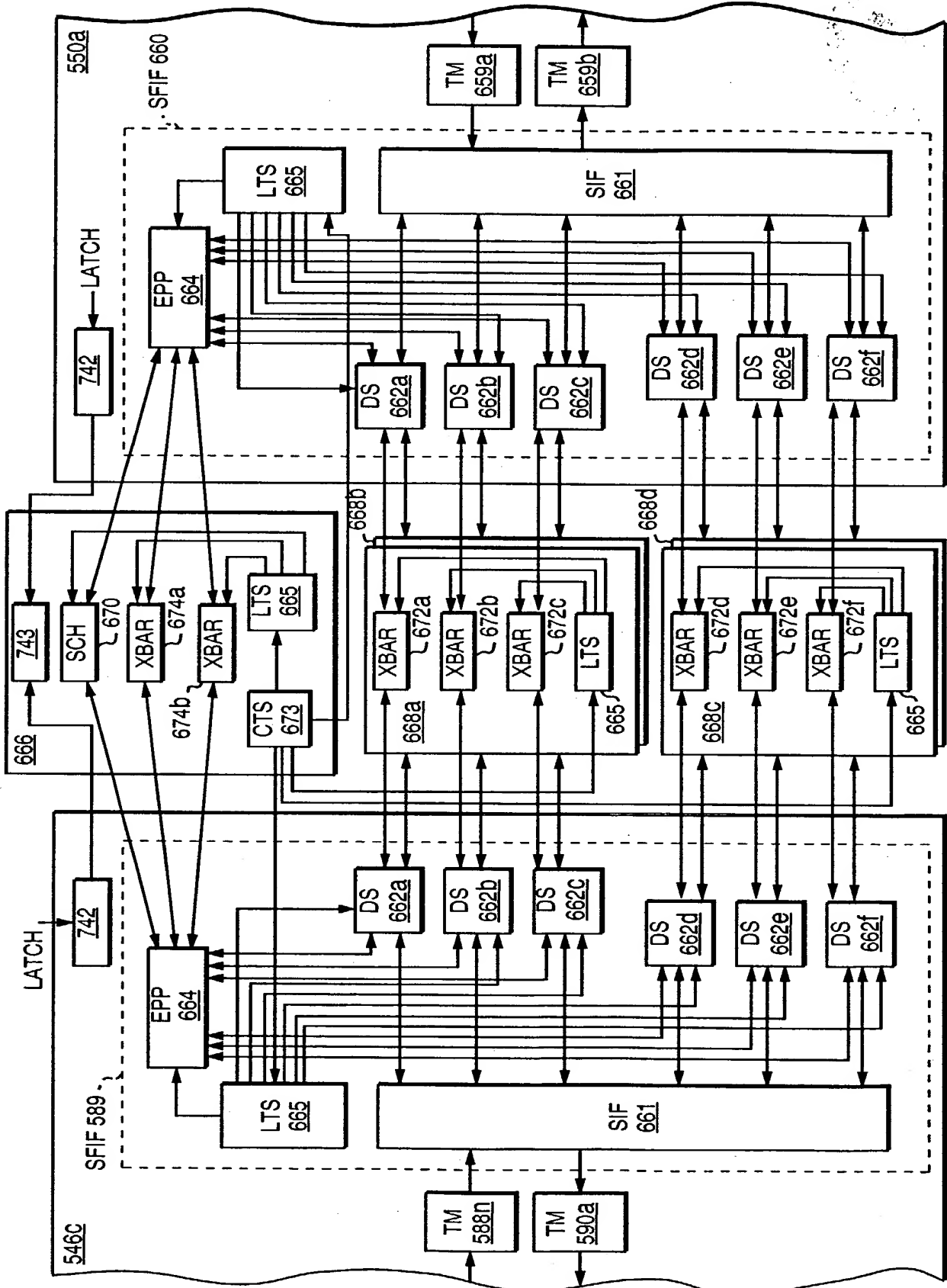


FIG. 43

102689-73

227/289

640

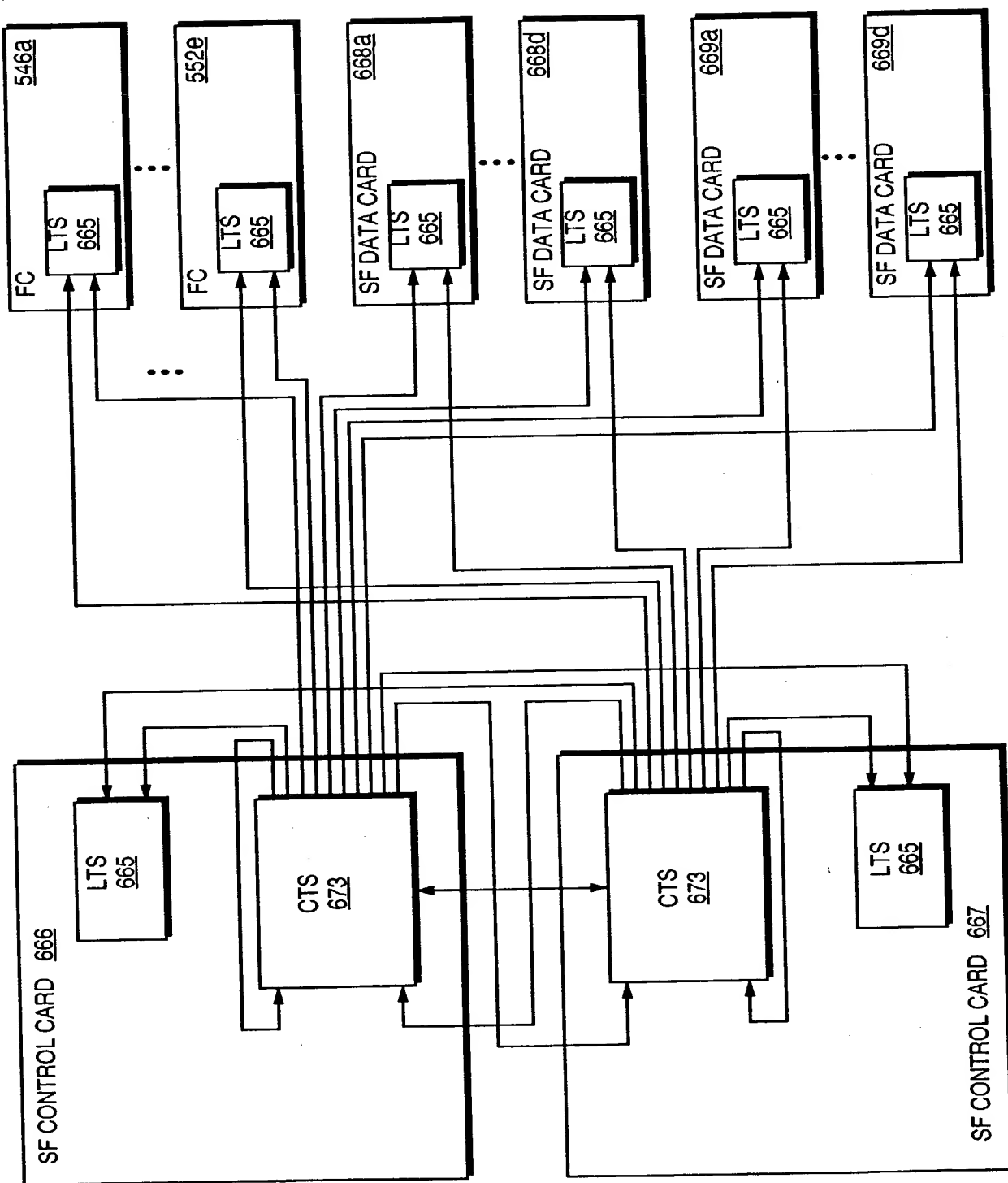
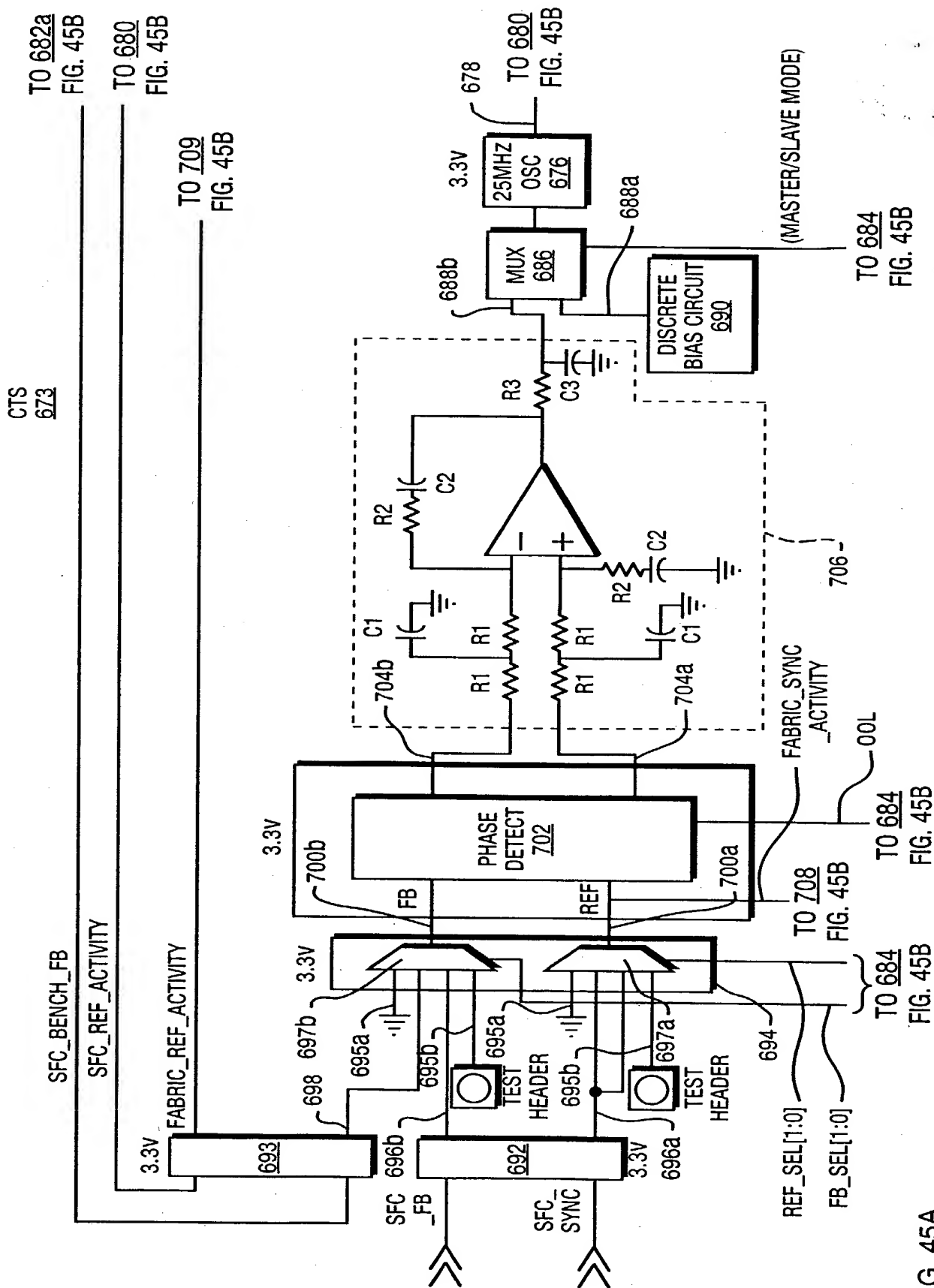
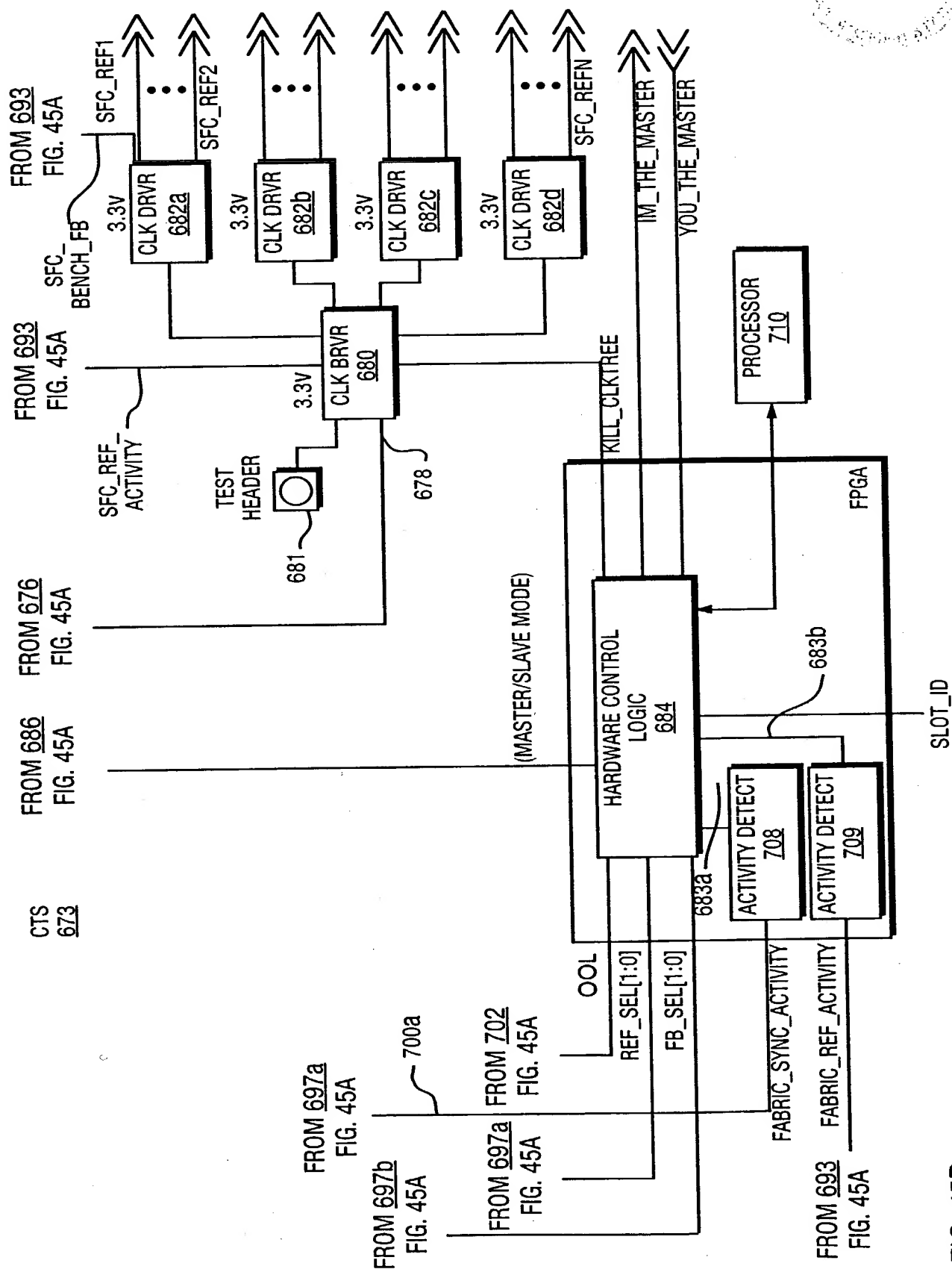


FIG. 44





230/289

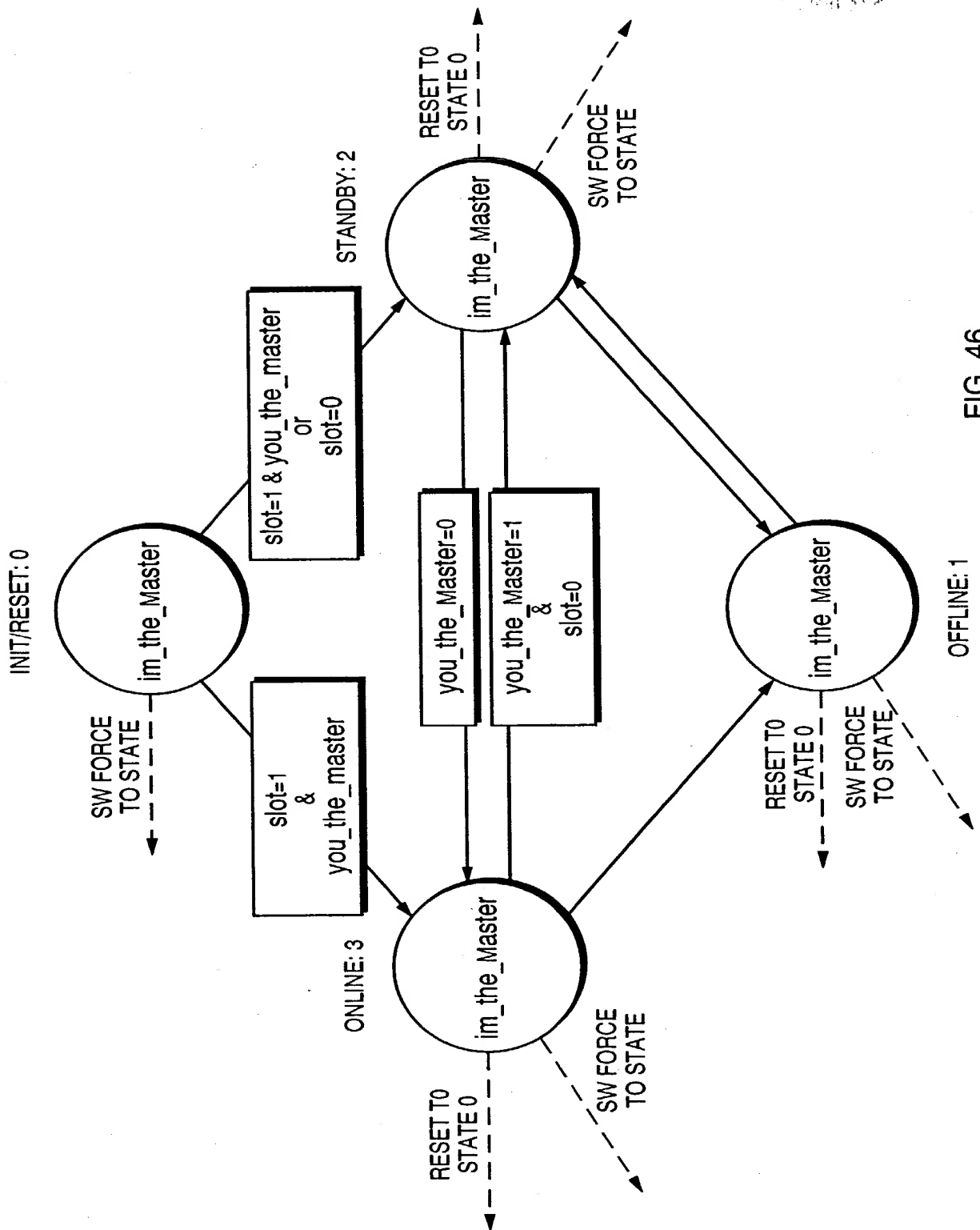


FIG. 46

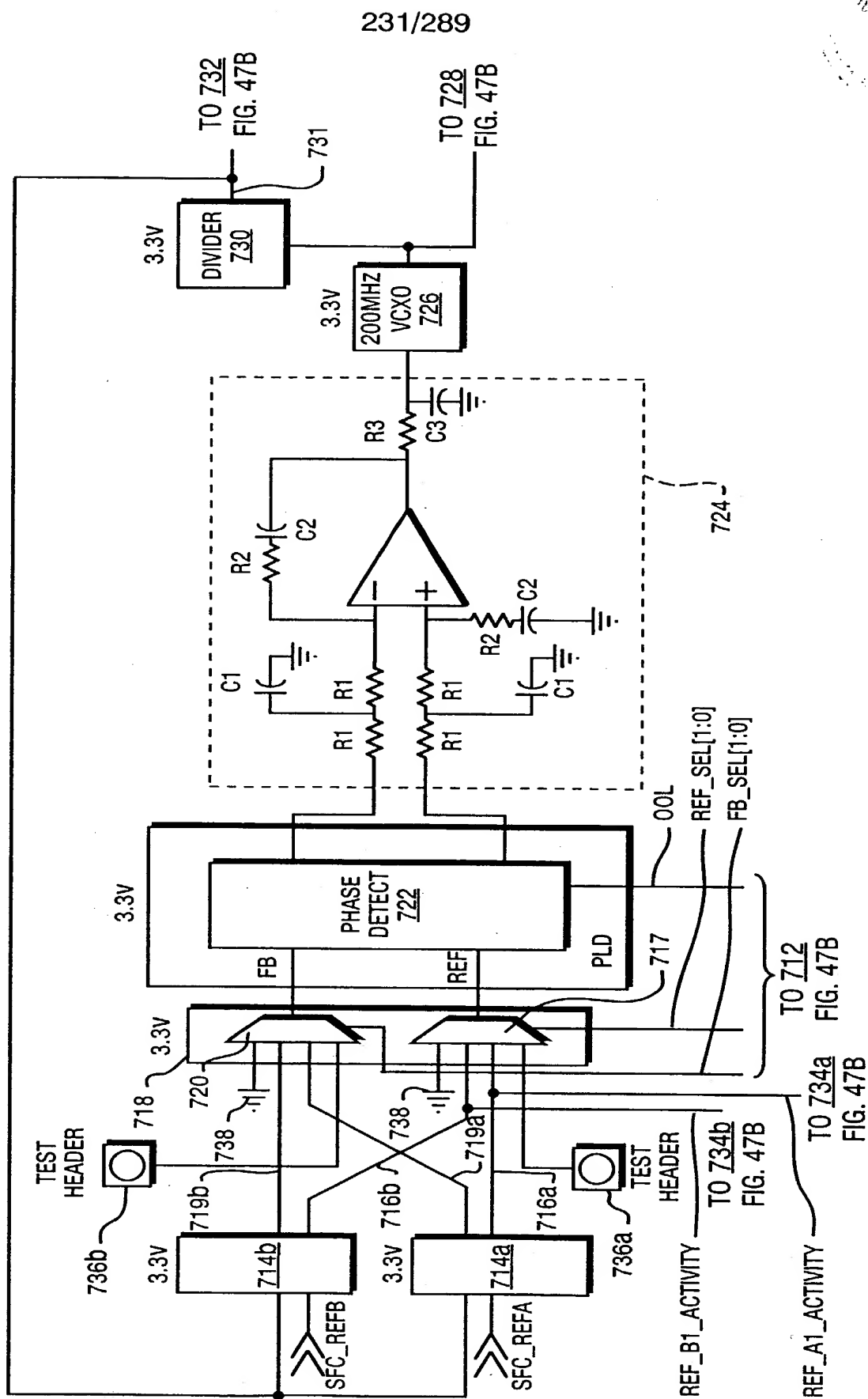
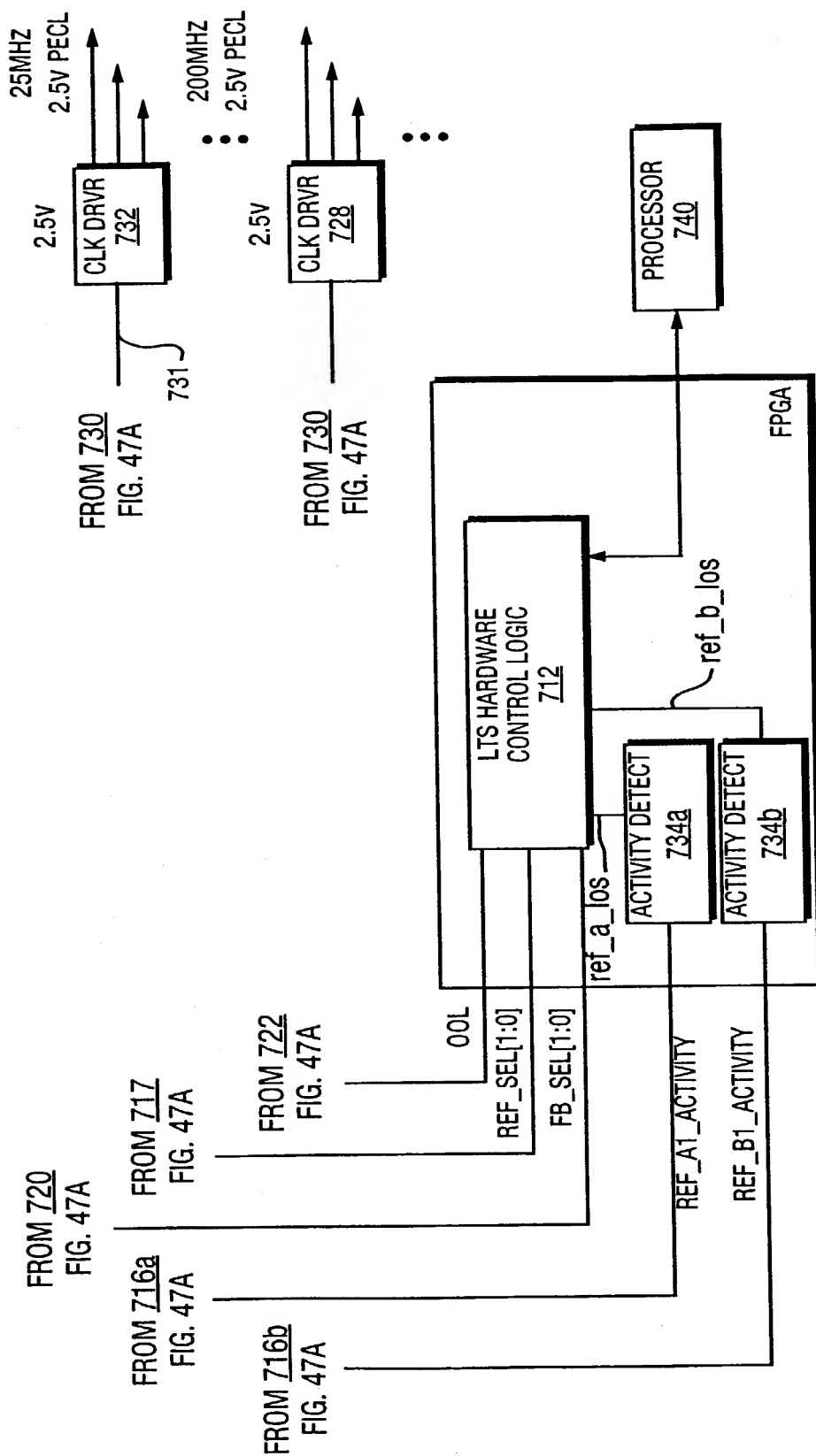


FIG. 47A



233/289

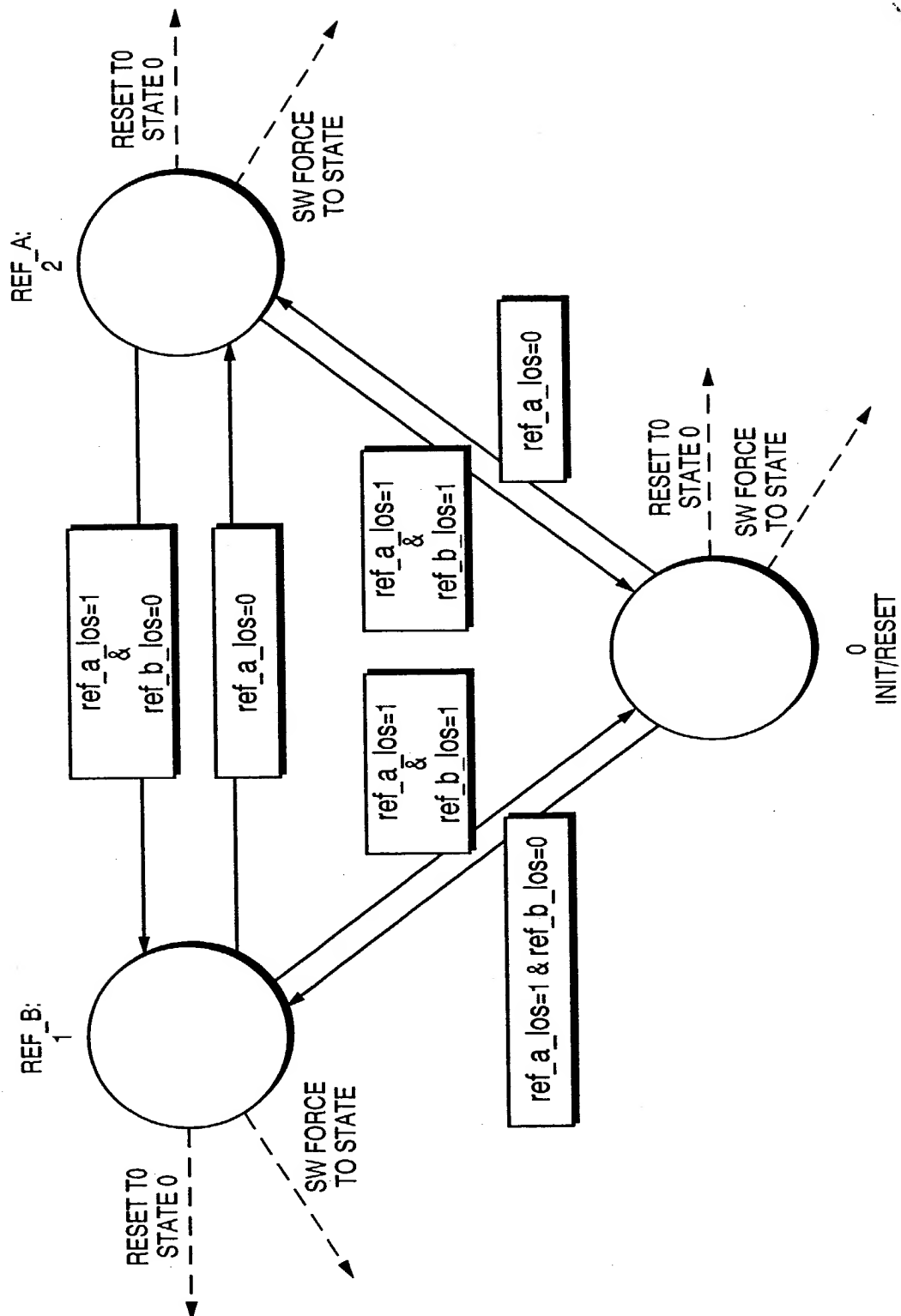
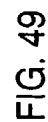


FIG. 48



235/289

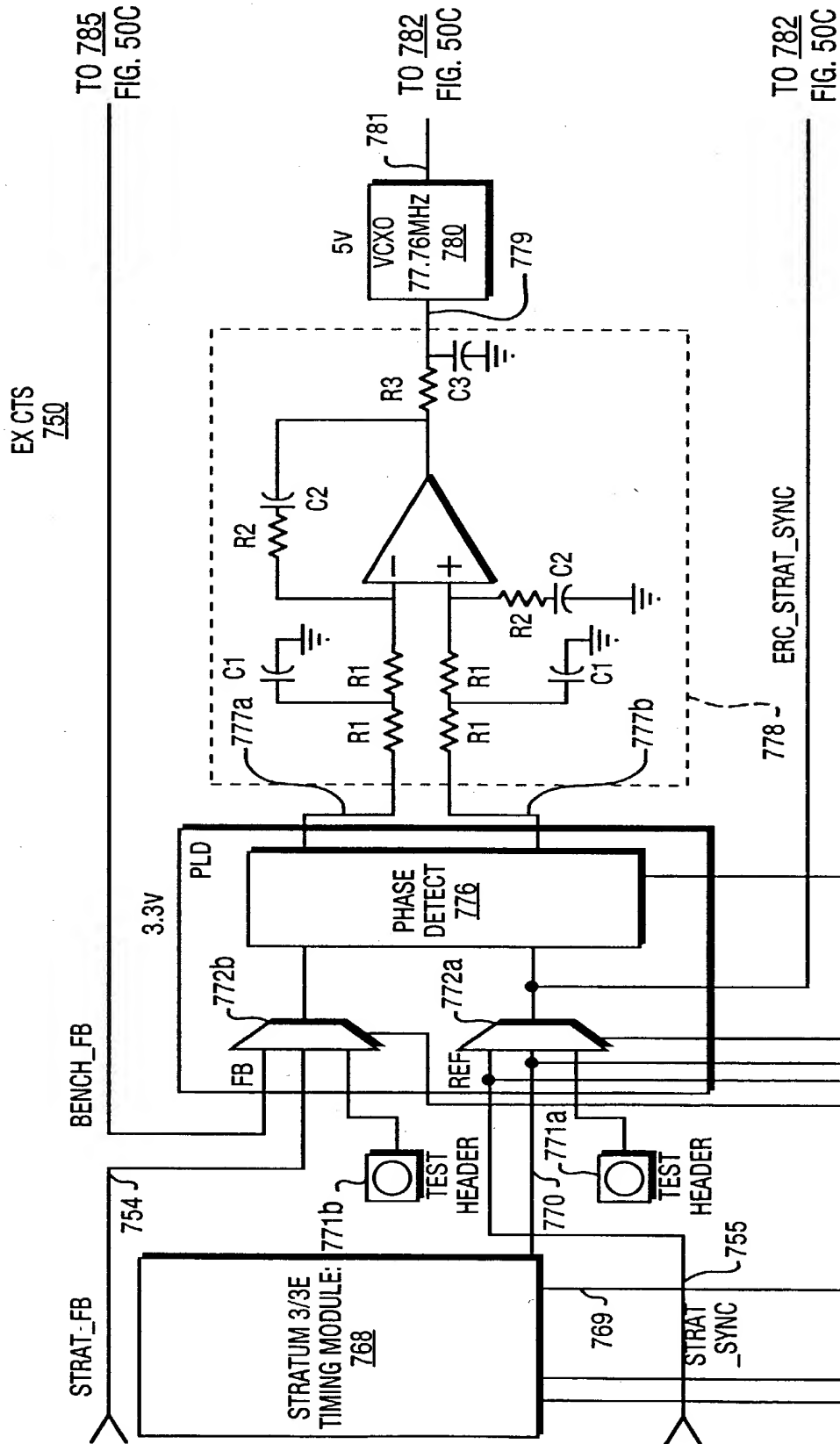


FIG. 50B

FIG. 50A

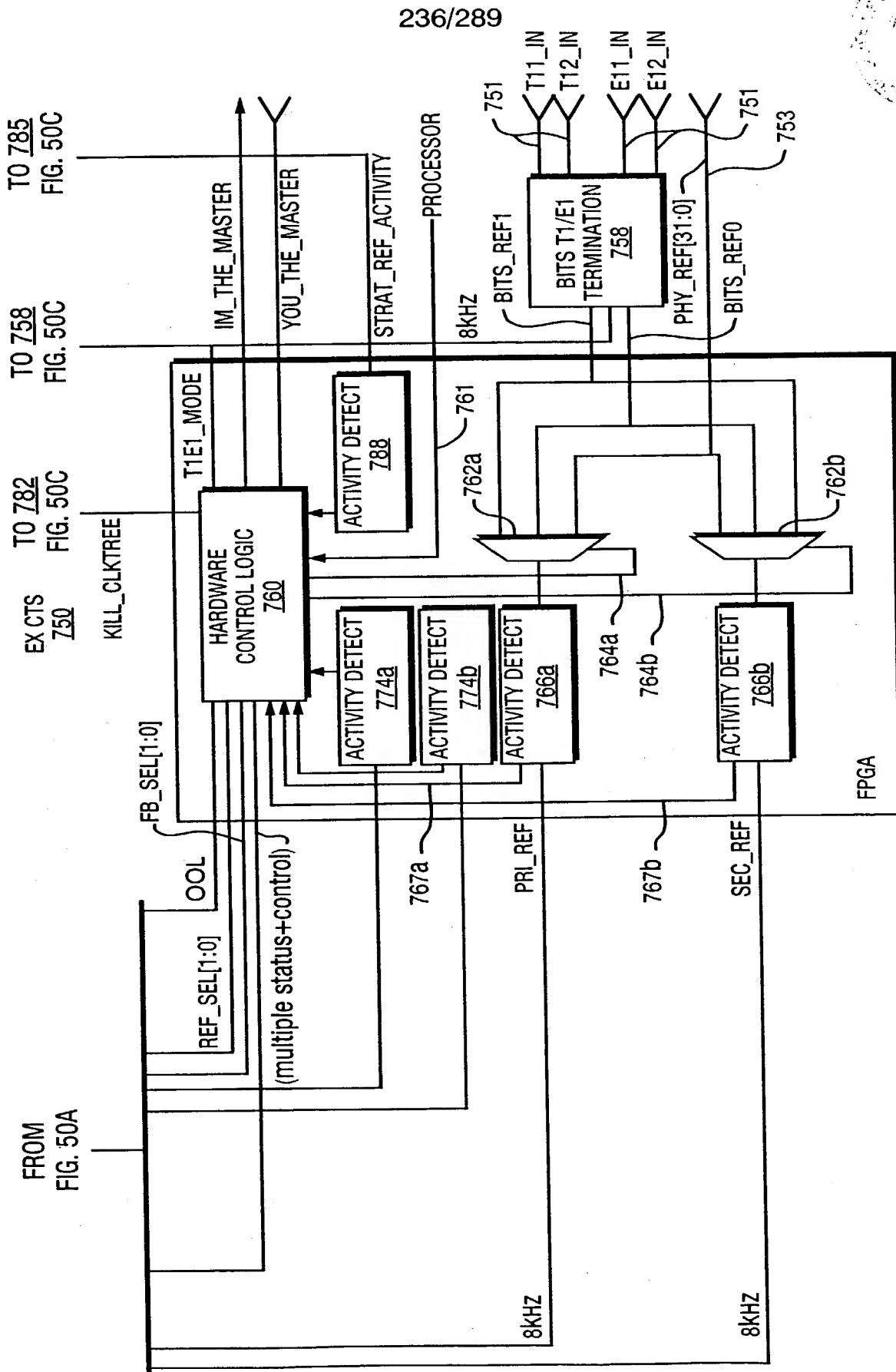


FIG. 50B

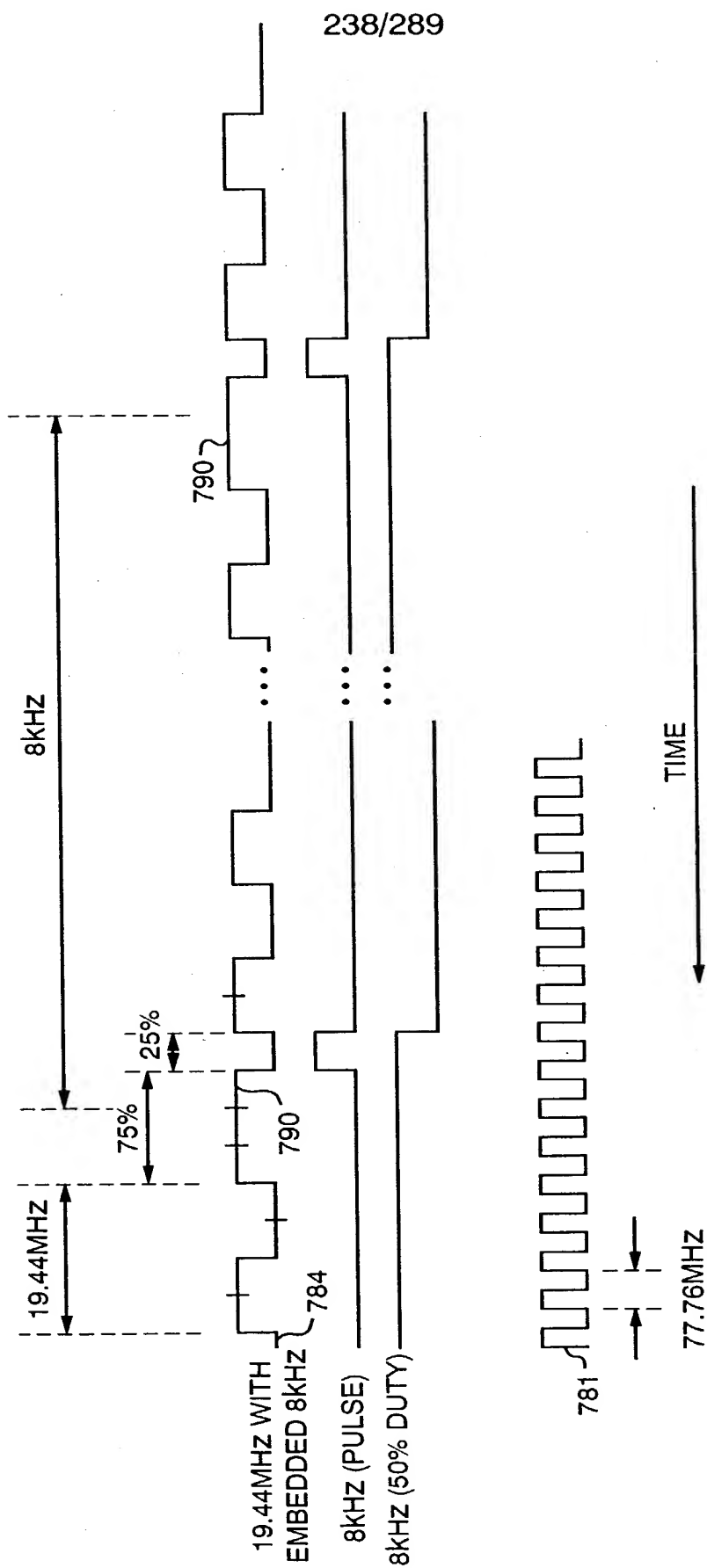


FIG. 51

239/289

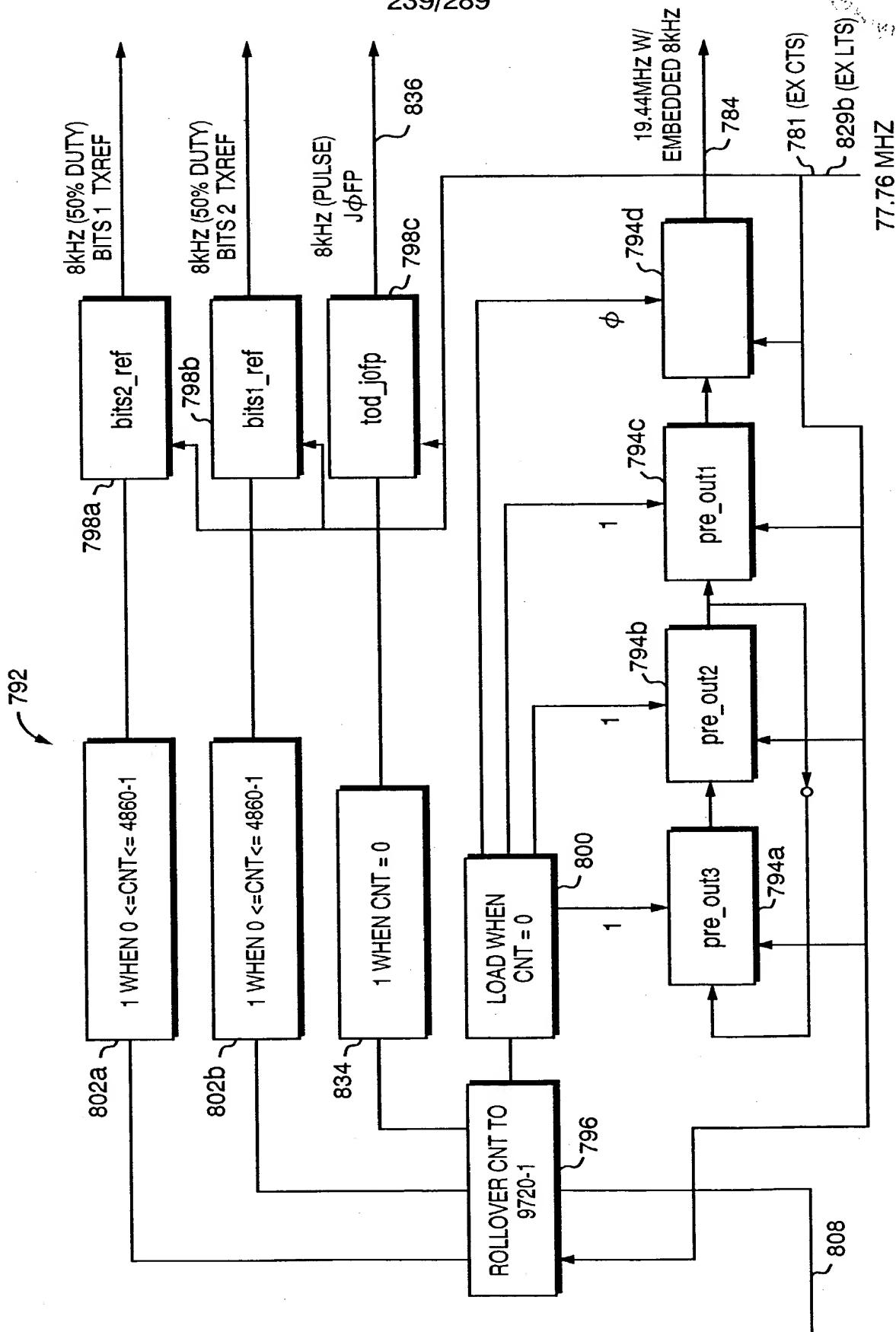


FIG. 52

240/289

EXTRACTOR
804

ERC_STRAT_SYNC (EX CTS)
STRAT_REF_A OR STRAT_REF_B (EX LTS) 832
19.44MHz WITH ENCLOSED 8kHz
(MUST BE PULLED LOW WHEN NOT PRESENT)

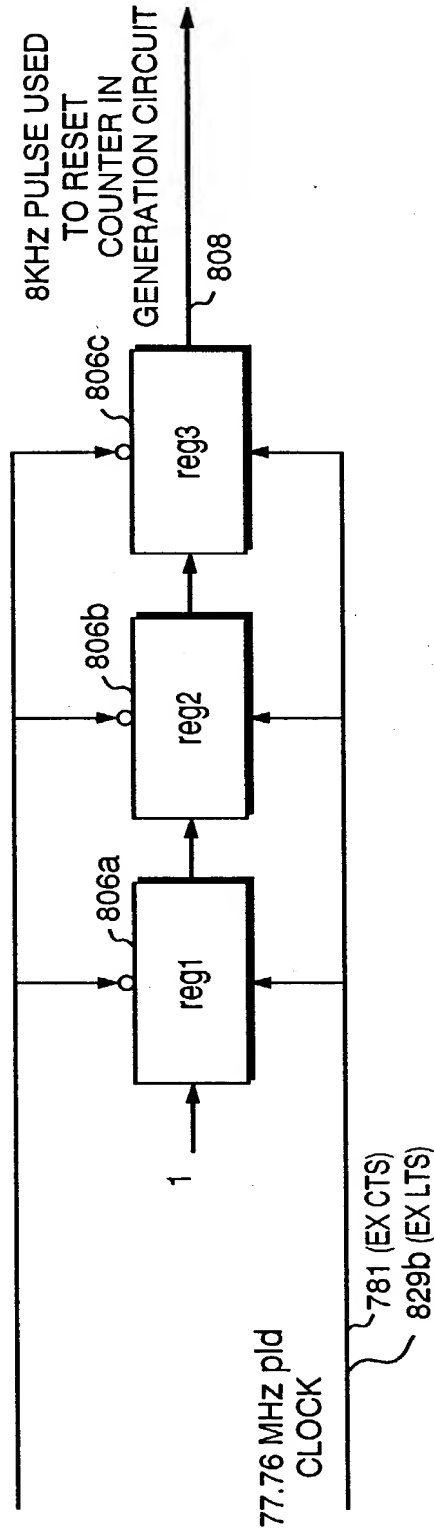
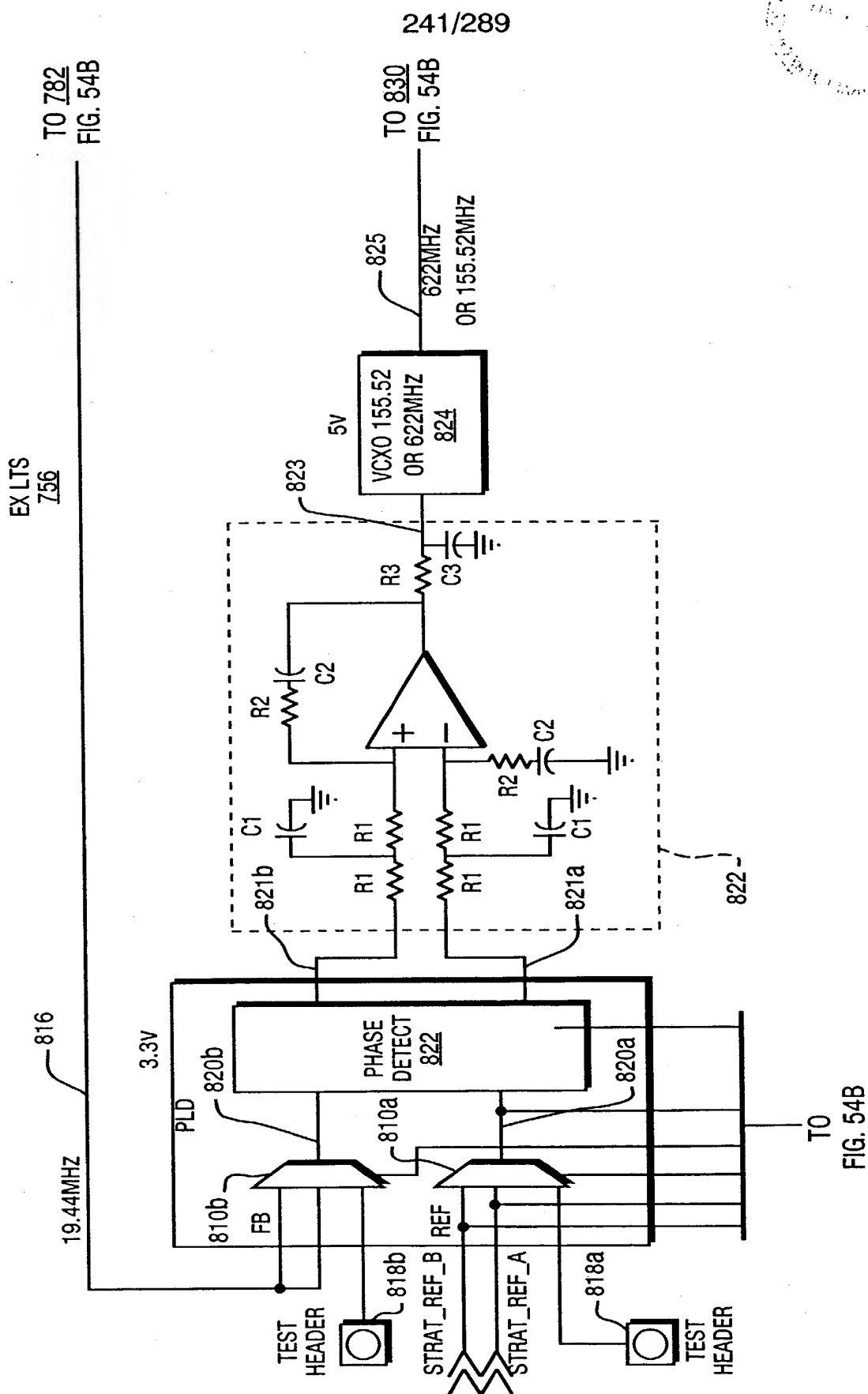


FIG. 53



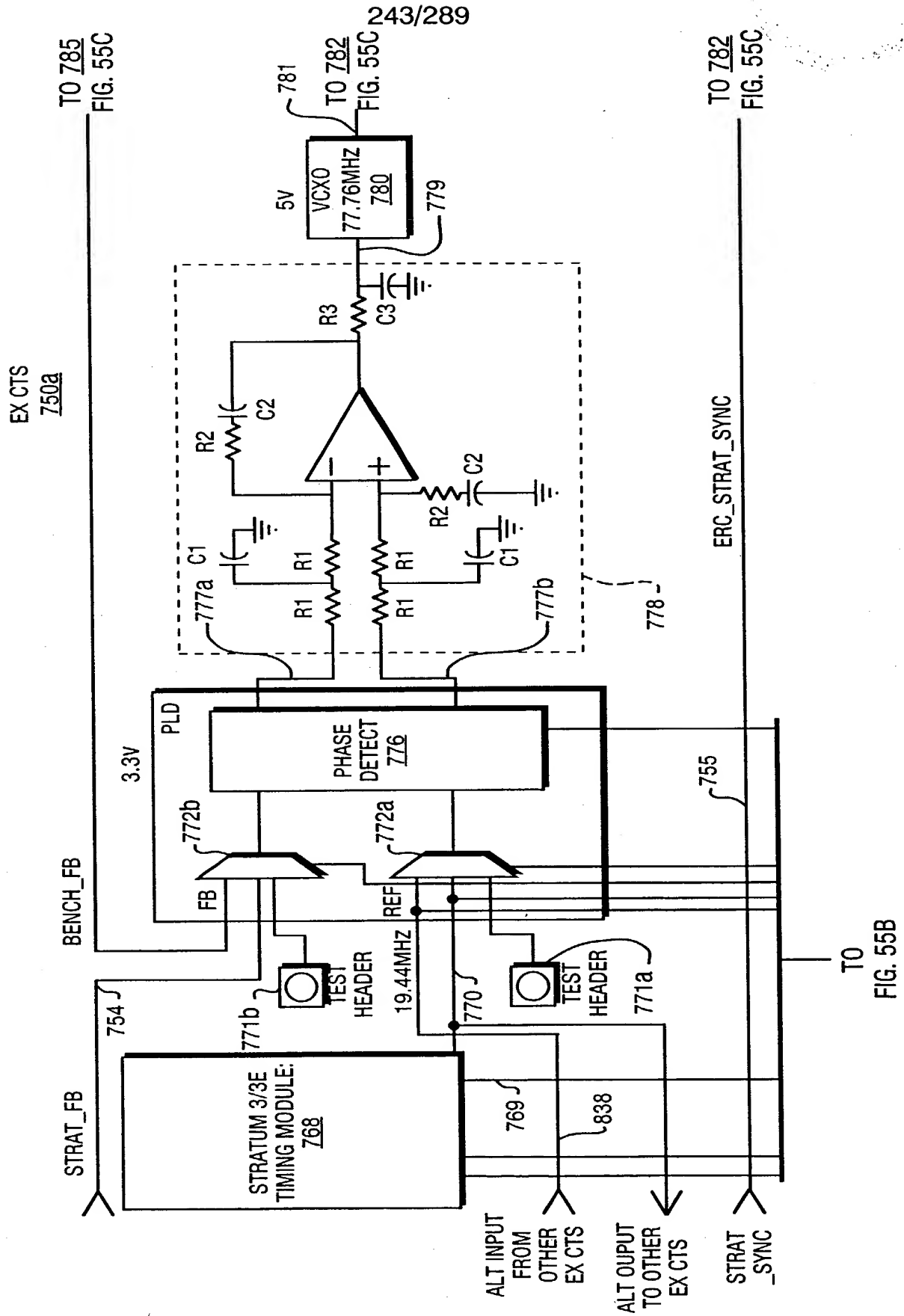


FIG. 55A

244/289

EX CTS
750a

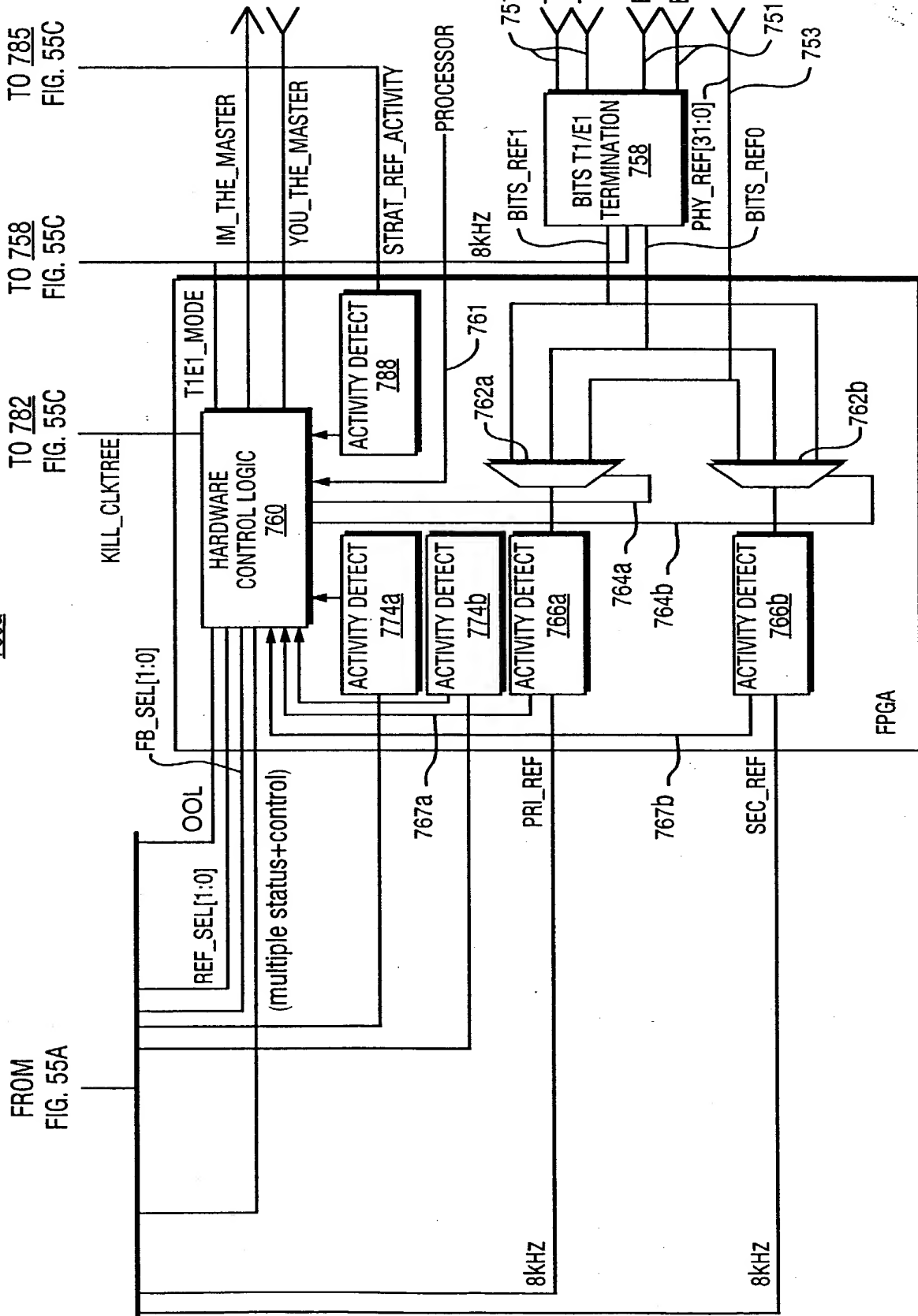


FIG. 55B

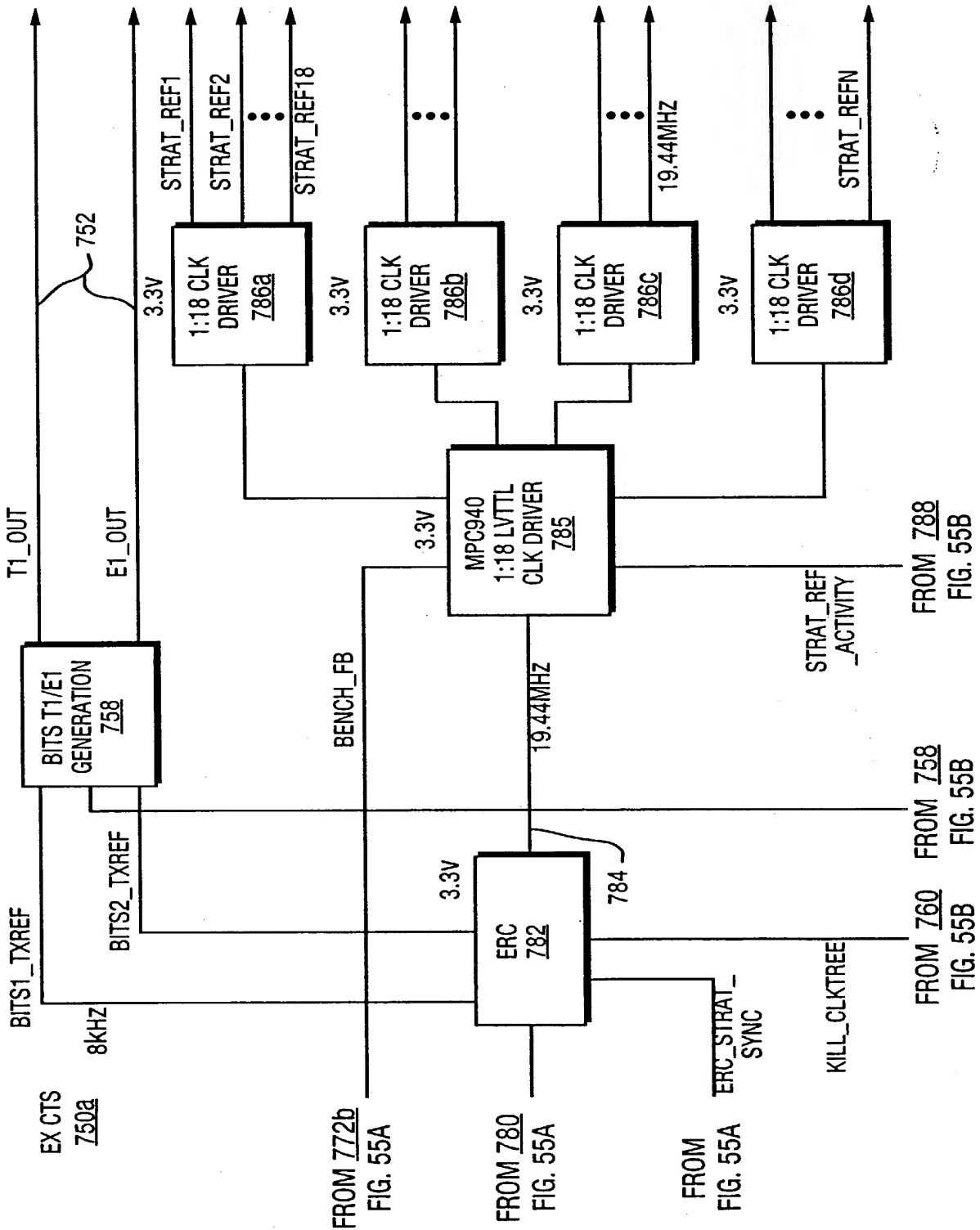


FIG. 55C

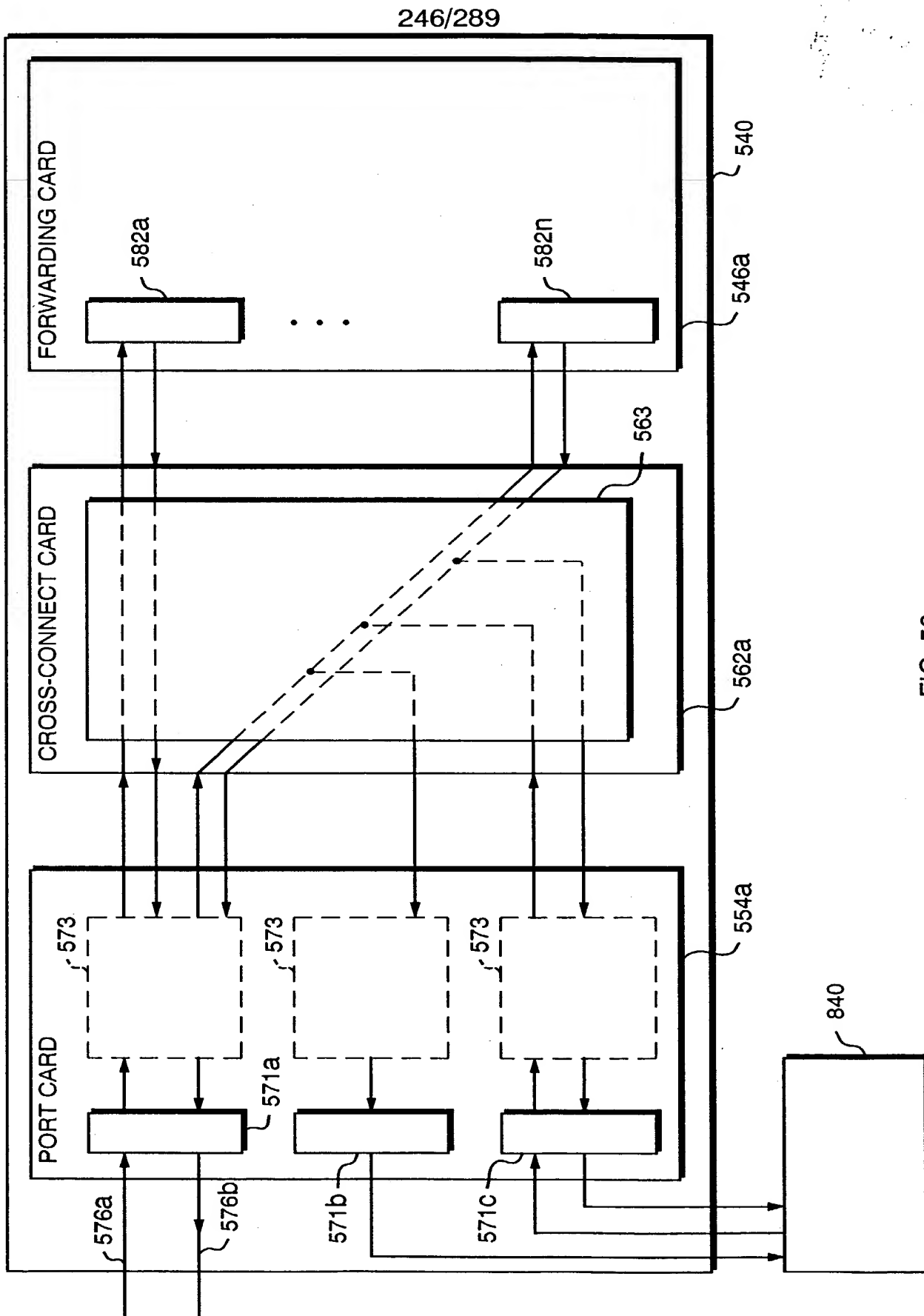


FIG. 56

247/289

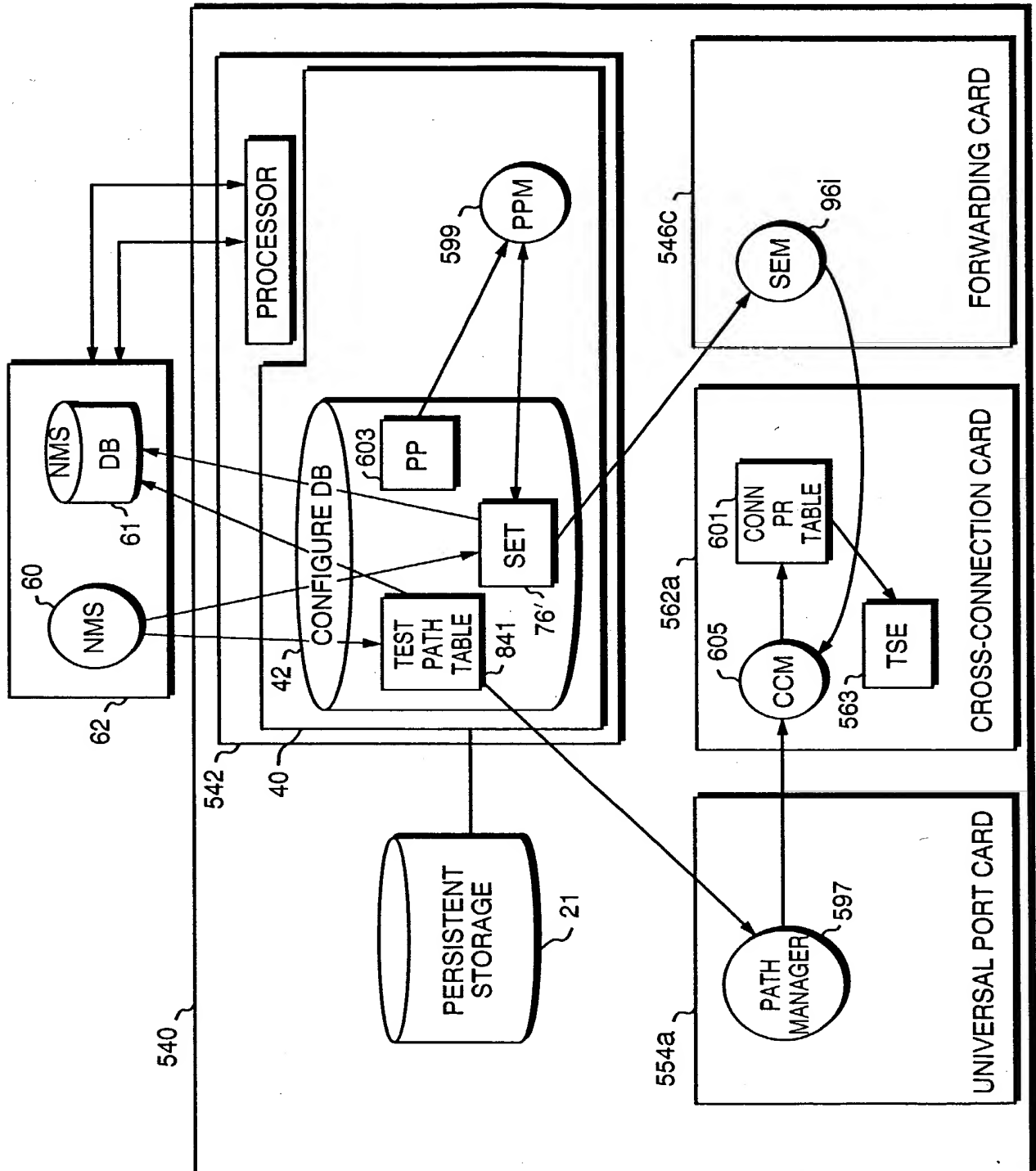


FIG. 57

TEST PATH TABLE 841

842	843	844	844				845	
			PATH LID	UP PORT LID	TIME SLOT	# OF TIME SLOTS	MONITOR	ENABLE PORT RECEIVER
			1666	1232	4	3	INGRESS	NO
			1666	1233	4	3	EGRESS	NO
			1666	1233	4	3	INGRESS	YES
		
		
		

FIG. 58

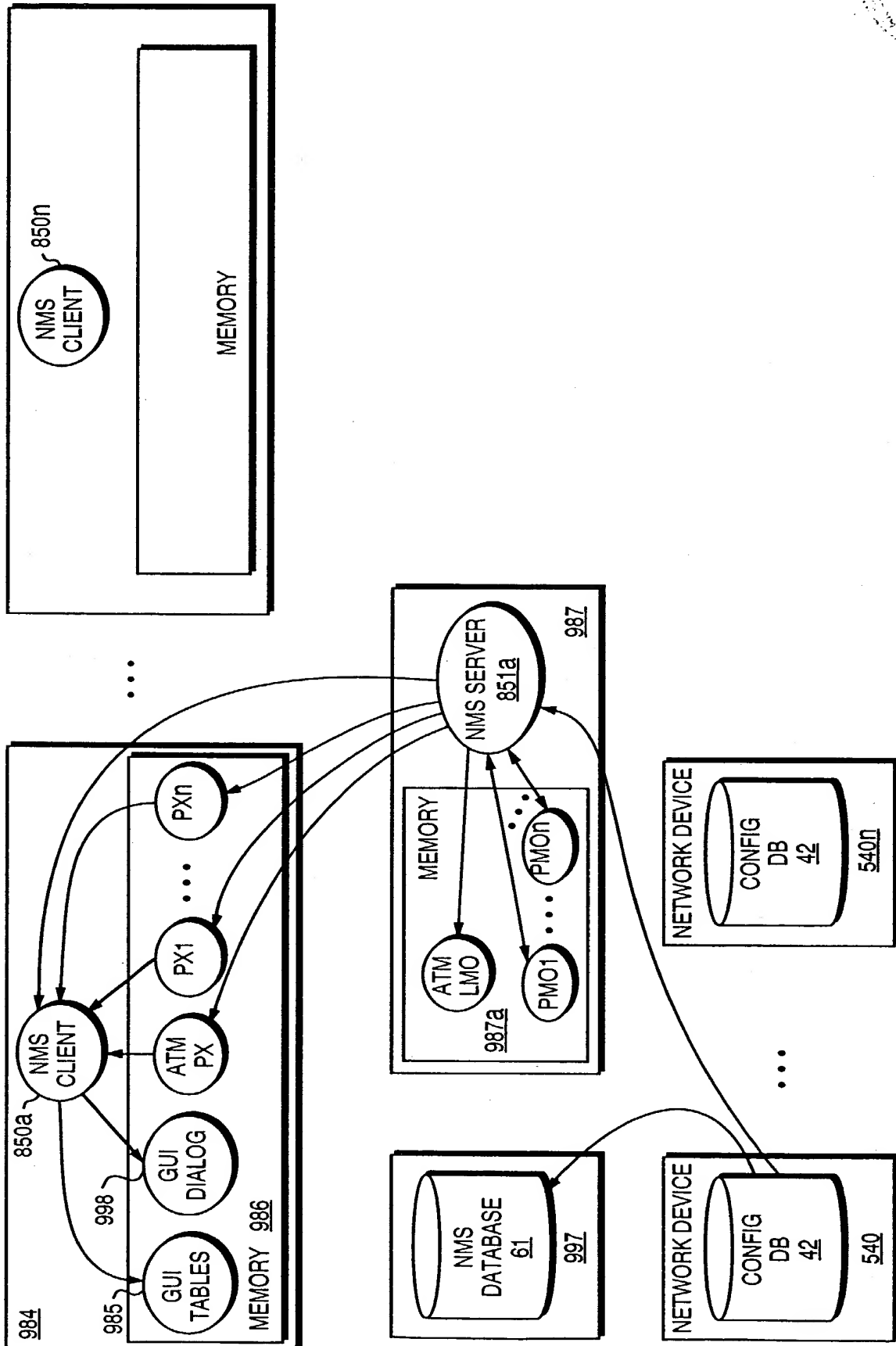


FIG. 59

250/289

MANAGED DEVICE TABLE 983

983b	PID	A1	...	An	
	1				983a

FIG 60A

CHASSIS TABLE 988

988b	PID	A1	...	An	MANAGED DEVICE PID	988c
	1				1	988a
	
	
	

FIG 60B

SHELF TABLE 989

989a	PID	A1	...	An	CHASSIS PID	989b
	3				2	
	4				2	
	
	
	
	18				2	

FIG 60C

SLOT TABLE 990

990a	PID	A1	...	An	SHELF PID	990b
990c	20				3	
	21				3	
	
	
990d	116				18	

FIG 60D

251/289

CARD TABLE 47'

47a

PID	CWD TYPE	VERSION NO.	SLOT PID	...
120	0XF002	3	20	
121	0XF002	4	21	
•	•	•	•	•
•	•	•	•	•
•	•	•	•	•
124	0X6002	1	24	
•	•	•	•	•
•	•	•	•	•
•	•	•	•	•
131	0XF002	1	31	
•	•	•	•	•
•	•	•	•	•
•	•	•	•	•

47b

FIG 60E

PORT TABLE 49'

49a

PID	PORT TYPE	VERSION NO.	CARD PID	...
300	00620	1	20	
301	00620	1	20	
302	00620	1	20	
303	00620	1	20	
304	00820	1	20	
•	•	•	•	•
•	•	•	•	•
•	•	•	•	•
400	00620	1	39	
•	•	•	•	•
•	•	•	•	•
•	•	•	•	•

49b

FIG 60F

252/289

SONET PATH TABLE 600'

600a	600b				
	PATH LID	PORT LID	TIME SLOT	# OF TIME SLOTS	...
	901	304	4	3	

FIG. 60G

SERVICE ENDPOINT TABLE 76''

76a	76c		76d		76e	76b	
	SE LID	Q #	FC PID	FC SLICE PID	FC TIME SLOT	PATH LID	...
	3000					901	

FIG. 60H

ATM IF TABLE 114''

114a	114b			
	ATM IF LID	ATM GROUP LID	SE LID	...
	5054		3000	...

FIG. 60I

253/289

VIRTUAL ATM IF TABLE 993

993a	LID	A1	...	An	993b	ATM IF LID
	7489					5054
	⋮	⋮	⋮	⋮		⋮
	⋮	⋮	⋮	⋮		⋮
	⋮	⋮	⋮	⋮		⋮

FIG 60J

VIRTUAL CONNECTION TABLE 994

994a	LID	A1	...	An	994b	VIR. ATM IF LID
	⋮	⋮	⋮	⋮		⋮
	⋮	⋮	⋮	⋮		⋮
	⋮	⋮	⋮	⋮		⋮

FIG 60K

VIRTUAL LINK TABLE 995

995a	LID	A1	...	An	995b	995c	VIR. CONN. LID	CROSS. CONN. LID
	⋮	⋮	⋮	⋮			⋮	⋮
	⋮	⋮	⋮	⋮			⋮	⋮
	⋮	⋮	⋮	⋮			⋮	⋮

FIG 60L

CROSS-CONNECT TABLE 996

996a	LID	A1	...	An	996b	996c	VIR. LINK1 LID	VIR. LINK2 LID
	⋮	⋮	⋮	⋮			⋮	⋮
	⋮	⋮	⋮	⋮			⋮	⋮
	⋮	⋮	⋮	⋮			⋮	⋮

FIG 60M

ATM NODE TABLE 999

999a	LID	A1	...	An	999b	999c	MANAGED DEVICE PID
	5000						1

FIG 60N

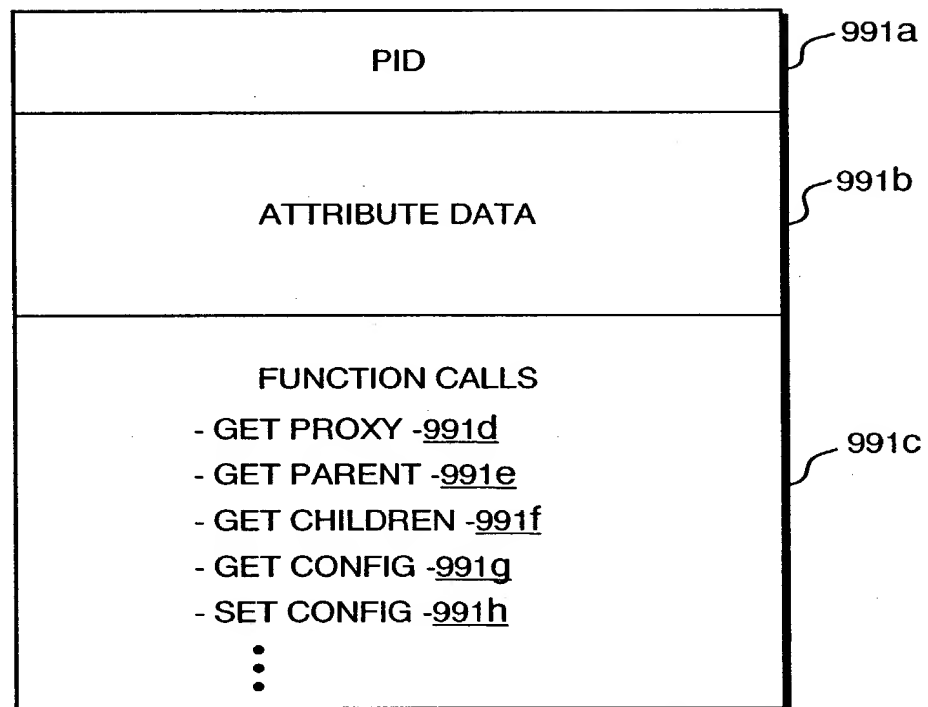
PHYSICAL MANAGED OBJECT 991

FIG. 61A

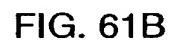
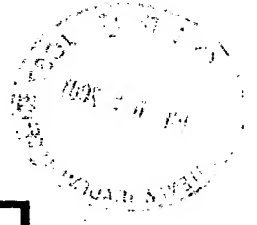
PROXY 992

FIG. 61B



997

✕

EvailNet Manager: Modify SONET Path - Shelf 11/Slot4/Port 1

System: 192.168.9.202

SONET Path Parameters

Path Name

Path1_11/4/1

Path Number

1

Path Width

STS-3c

Path Type

Terminated-ATM

Connection Information

Connected SONET Path

☒ None

☐ Specific

Paths...

ATM Interface Name

Modules

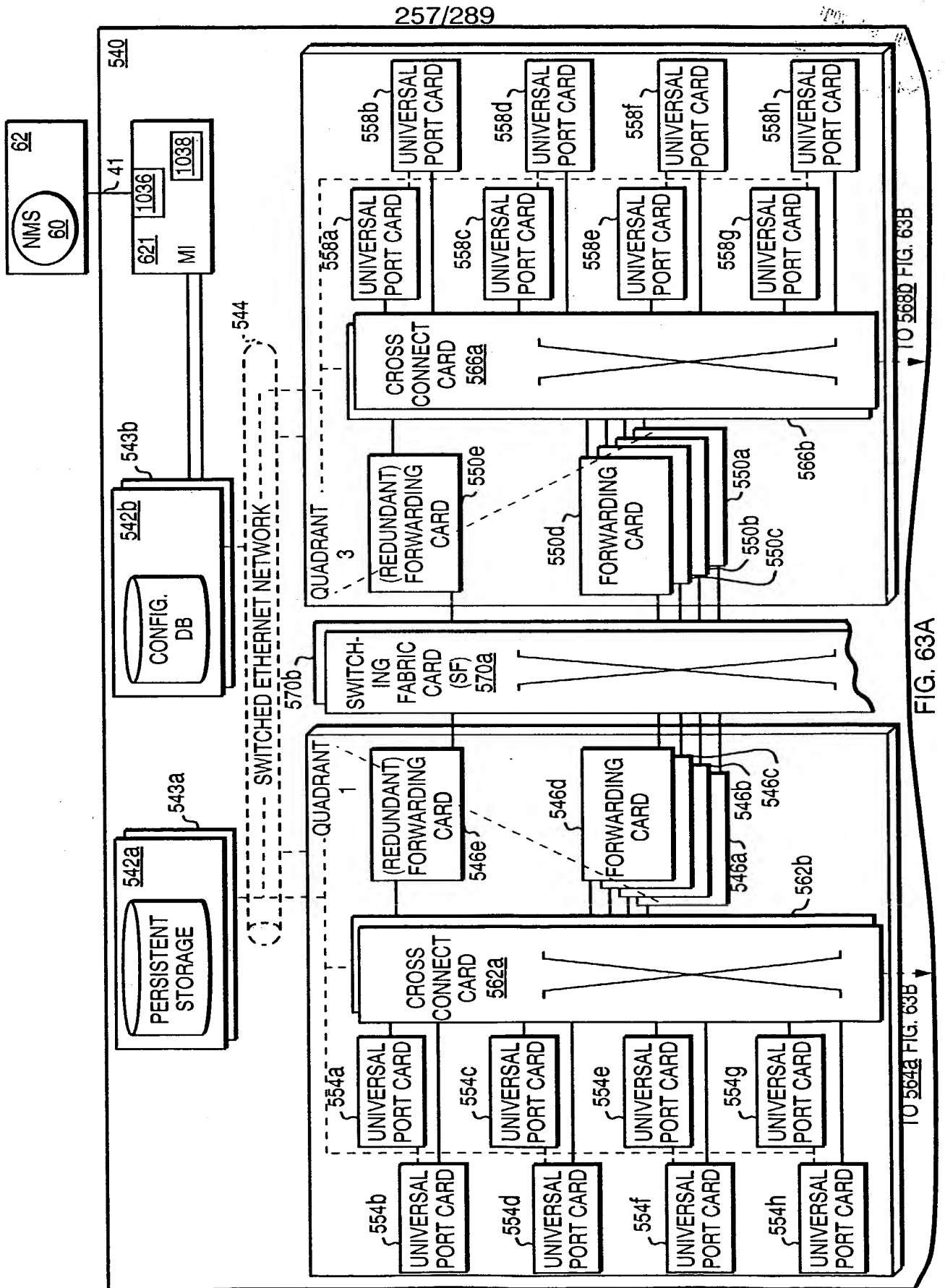
OK

Cancel

997a

998b

FIG. 62



258/289

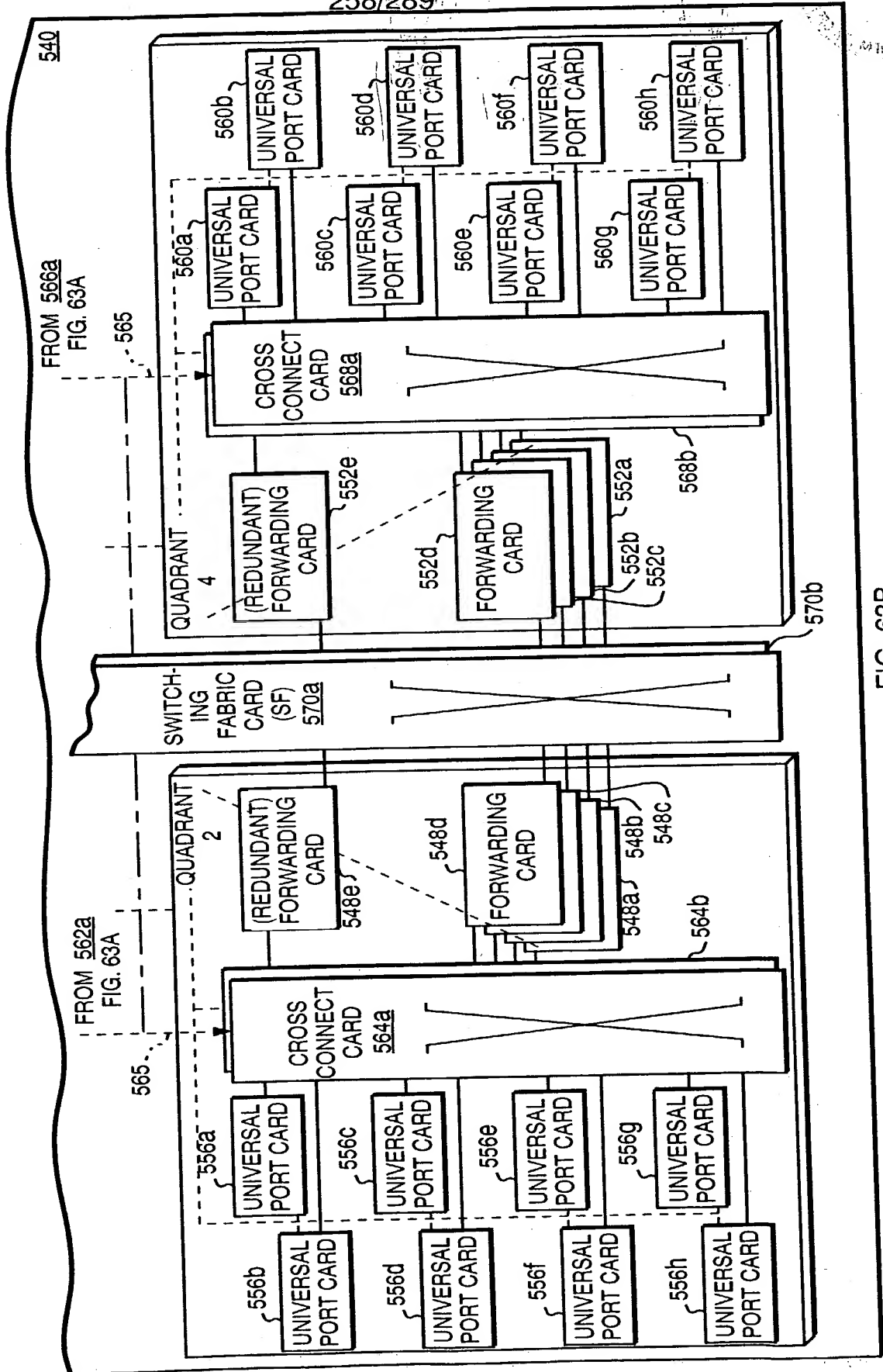


FIG. 63B

259/289

ADMINISTRATION MANAGED DEVICE TABLE 1014'

LID	HOST ADDRESS	PORT ADDRESS	RETRY	TIMEOUT	ADMIN. PASSWORD	PROV. PASSWORD	VIEWER PASSWORD	1014e' 1014f'	
								PHYSICAL ID	PHYSICAL ID
9046	192.168.9.202	1521			TEAM 1	TEAM 2	TEAM 3		
•	•	•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•	•	•

FIG. 64



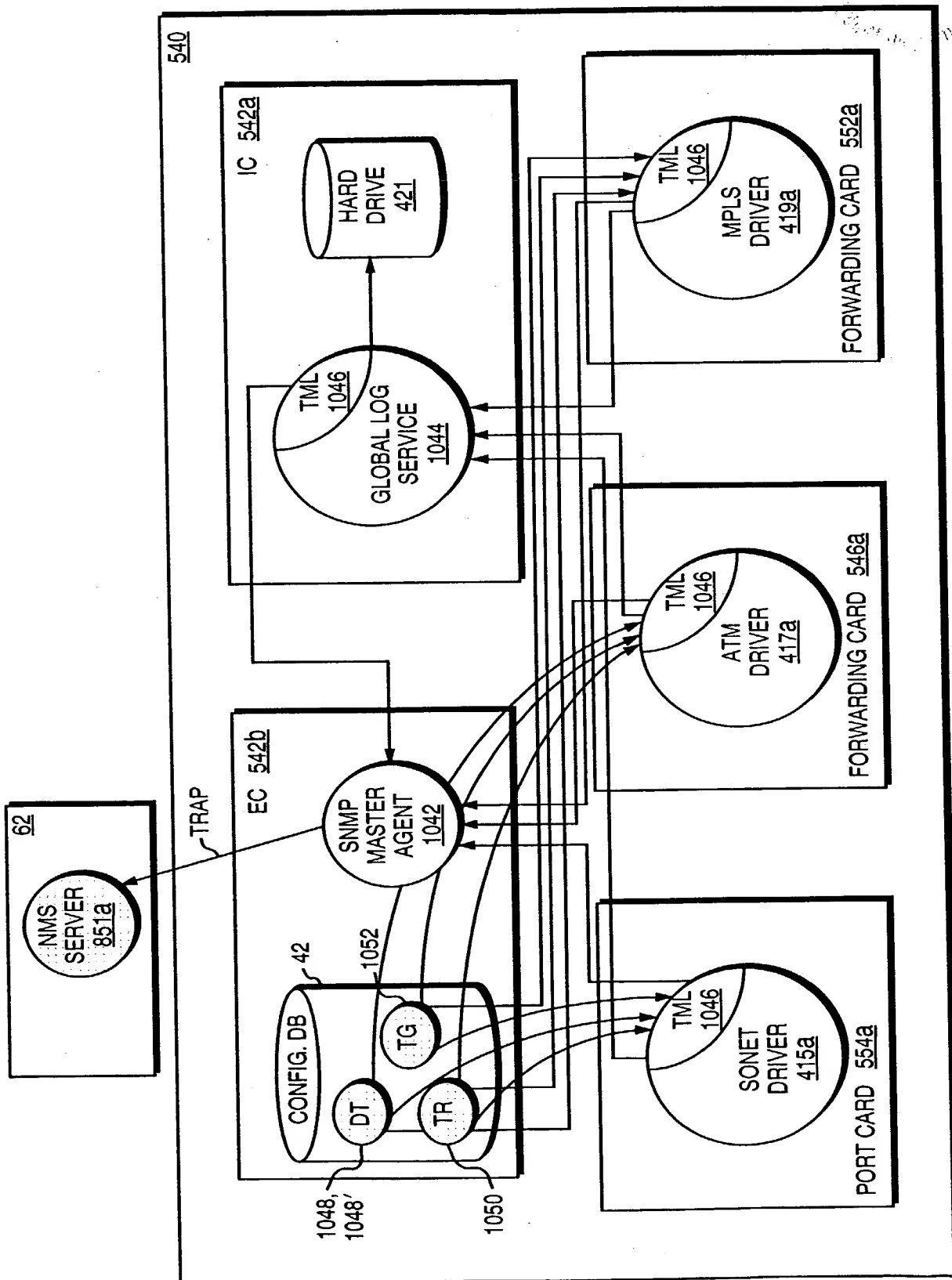


FIG. 65

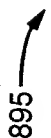
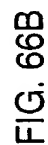


FIG. 66A



1054

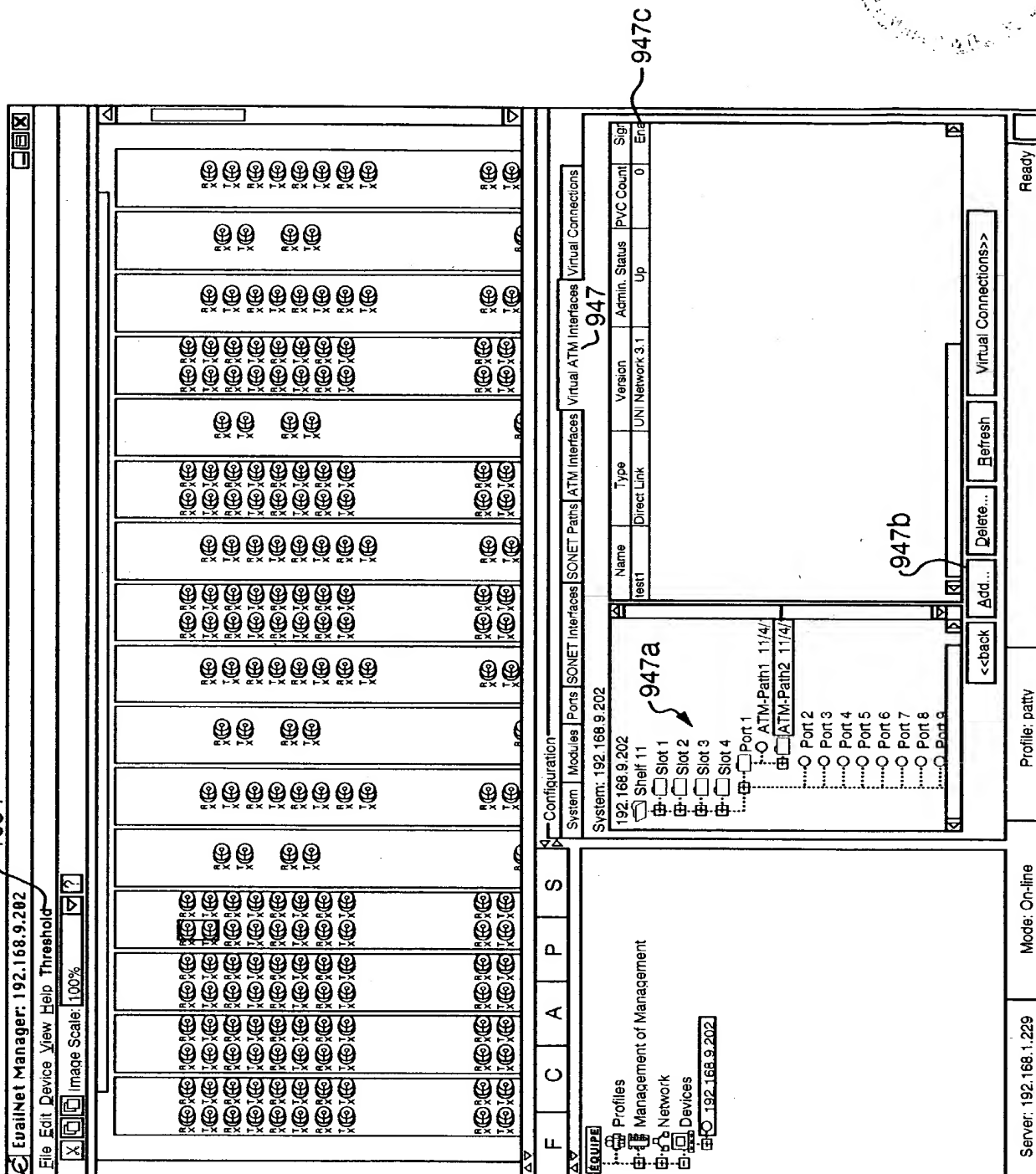
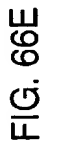


FIG. 66C



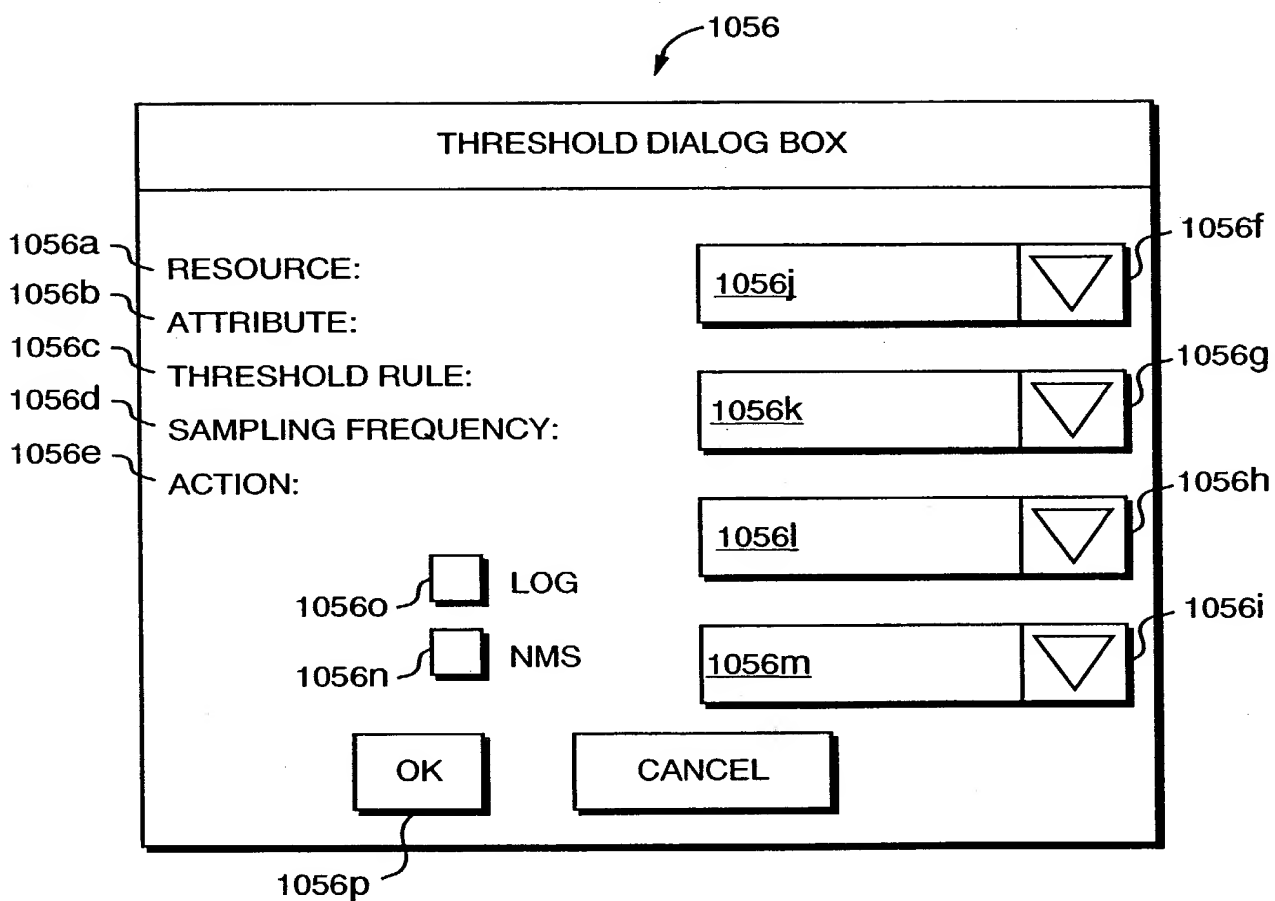


FIG. 67

DYNAMIC THRESHOLD TABLE 1048

1048a RESOURCE ID	1048c ATTRIBUTE	1048d SAMPLING FREQ.	1048e ACTION	1048f RULE
901	UNAVAILABLE SECONDS (PATH END)	15 min	LOG	IF ATTRIBUTE > 10
901	PATH ERRORS (PATH END)	15 min	TRAP	IF ATTRIBUTE < 5 OR > 10
901	PATH ERRORS (PATH END)	5 min	LOG & TRAP	IF ATTRIBUTE < 5 OR > 10
• • •	• • •	• • •	• • •	• • •
5054	FAILED CALL ATTEMPTS	10 min	TRAP	IF ATTRIBUTE > 8 BETWEEN 8:00am-7:00pm OR > 2 BETWEEN 7:00pm-8:00am
5054	HCS ERRORS	12 min	TRAP	IF ATTRIBUTE > 13
• • •	• • •	• • •	• • •	• • •
7312	RX TRAFFIC	1 HOUR	TRAP	IF ATTRIBUTE < 4
7312	TX TRAFFIC	1 HOUR	TRAP	IF ATTRIBUTE = 0
	• • •	• • •	• • •	• • •

FIG. 68

DYNAMIC THRESHOLD TABLE 1048'

1048a' {	1048b' {	1048c' {	1048d' {	1048e' {	1048f' {
THR. GROUP LID	RESOURCE	ATTRIBUTE	SAMPLING FREQ.	ACTION	RULE
8312	SONET PATH	UNAVAILABLE SECONDS (PATH END)	15 min	LOG	IF ATTRIBUTE > 10
8312	SONET PATH	PATH ERRORS (PATH END)	15 min	TRAP	IF ATTRIBUTE < 5 OR > 10
8312	SONET PATH	PATH ERRORS (FAR END)	5 min	LOG & TRAP	IF ATTRIBUTE < 5 OR > 10
.
8433	ATM IF	FAILED CALL ATTEMPTS	10 min	TRAP	IF ATTRIBUTE > 8 BETWEEN 8:00am-7:00pm OR > 2 BETWEEN 7:00pm-8:00am
8433	ATM IF	HCS ERRORS	12 min	TRAP	IF ATTRIBUTE > 13
.
8542	VIRTUAL CONN.	RX TRAFFIC	1 HOUR	TRAP	IF ATTRIBUTE < 4
8542	VIRTUAL CONN.	TX TRAFFIC	1 HOUR	TRAP	IF ATTRIBUTE = 0

FIG. 69A

1052a

1052b

FIG. 69B

270/289

DYNAMIC THRESHOLD TABLE 1048''

1048a''	1048b''	1048c''	1048d''	1048e''	1048f''	1048g''	1048h''	1048i''	1048j''	1048k''	1048l''	1048t''
THR. GROUP LID	RESOURCE	ATTRIBUTE	SAMPLING FREQ.	ACTION	RULE LID	VARIAB. a	VARIAB. b	VARIAB. c	VARIAB. d	VARIAB. e	VARIAB. f	VARIAB. n
8312	SONET PATH	UNAVAILABLE SECONDS (PATH END)	15 min	LOG	9421	10						
8312	SONET PATH	PATH ERRORS (PATH END)	15 min	TRAP	9422	5	10					
8312	SONET PATH	PATH ERRORS (FAR END)	5 min	LOG & TRAP	9422	5	10					
⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮
8433	ATM IF	FAILED CALL ATTEMPTS	10 min	TRAP	9423	8	8:00am	7:00pm	2	7:00pm	8:00am	
8433	ATM IF	HCS ERRORS	12 min	TRAP	9421	13						
⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮
8542	VIRTUAL CONN.	RX TRAFFIC	1 HOUR	TRAP	9424	4						
8542	VIRTUAL CONN.	TX TRAFFIC	1 HOUR	TRAP	9425							
	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮

FIG. 70A

271/289



THRESHOLD RULE TABLE 1050

1050a	RULE LID	EXPRESSION	1050b
1050c	9421	IF ATTRIBUTE > a	
	9422	IF ATTRIBUTE < a OR > b	
	9423	IF ATTRIBUTE > a BETWEEN b-c OR > d BETWEEN e-f	
	9424	IF ATTRIBUTE < a	
	9425	IF ATTRIBUTE = 0	
	9426	RMON	
	9427	FOE	
	9428	IF ATTRIBUTE < a GO TO RULE LID b	
	⋮	⋮	
	⋮	⋮	
	⋮	⋮	

FIG. 70B

272/289

DYNAMIC THRESHOLD TABLE 1048'''

THR. GROUP LID	1048a''' 1048b''' 1048c'''	1048d''' 1048e''' 1048f'''	1048g''' 1048h''' 1048i''' 1048j'''	1048k''' 1048l''' 1048m''' 1048n''' 1048o''' 1048p''' 1048q''' 1048r''' 1048s''' 1048t''' 1048u'''	1048v''' 1048w''' 1048x''' 1048y''' 1048z'''
THR. GROUP LID	1048a''' 1048b''' 1048c'''	1048d''' 1048e''' 1048f'''	1048g''' 1048h''' 1048i''' 1048j'''	1048k''' 1048l''' 1048m''' 1048n''' 1048o''' 1048p''' 1048q''' 1048r''' 1048s''' 1048t''' 1048u'''	1048v''' 1048w''' 1048x''' 1048y''' 1048z'''
THR. GROUP LID	1048a''' 1048b''' 1048c'''	1048d''' 1048e''' 1048f'''	1048g''' 1048h''' 1048i''' 1048j'''	1048k''' 1048l''' 1048m''' 1048n''' 1048o''' 1048p''' 1048q''' 1048r''' 1048s''' 1048t''' 1048u'''	1048v''' 1048w''' 1048x''' 1048y''' 1048z'''
THR. GROUP LID	1048a''' 1048b''' 1048c'''	1048d''' 1048e''' 1048f'''	1048g''' 1048h''' 1048i''' 1048j'''	1048k''' 1048l''' 1048m''' 1048n''' 1048o''' 1048p''' 1048q''' 1048r''' 1048s''' 1048t''' 1048u'''	1048v''' 1048w''' 1048x''' 1048y''' 1048z'''
THR. GROUP LID	1048a''' 1048b''' 1048c'''	1048d''' 1048e''' 1048f'''	1048g''' 1048h''' 1048i''' 1048j'''	1048k''' 1048l''' 1048m''' 1048n''' 1048o''' 1048p''' 1048q''' 1048r''' 1048s''' 1048t''' 1048u'''	1048v''' 1048w''' 1048x''' 1048y''' 1048z'''
THR. GROUP LID	1048a''' 1048b''' 1048c'''	1048d''' 1048e''' 1048f'''	1048g''' 1048h''' 1048i''' 1048j'''	1048k''' 1048l''' 1048m''' 1048n''' 1048o''' 1048p''' 1048q''' 1048r''' 1048s''' 1048t''' 1048u'''	1048v''' 1048w''' 1048x''' 1048y''' 1048z'''
THR. GROUP LID	1048a''' 1048b''' 1048c'''	1048d''' 1048e''' 1048f'''	1048g''' 1048h''' 1048i''' 1048j'''	1048k''' 1048l''' 1048m''' 1048n''' 1048o''' 1048p''' 1048q''' 1048r''' 1048s''' 1048t''' 1048u'''	1048v''' 1048w''' 1048x''' 1048y''' 1048z'''
THR. GROUP LID	1048a''' 1048b''' 1048c'''	1048d''' 1048e''' 1048f'''	1048g''' 1048h''' 1048i''' 1048j'''	1048k''' 1048l''' 1048m''' 1048n''' 1048o''' 1048p''' 1048q''' 1048r''' 1048s''' 1048t''' 1048u'''	1048v''' 1048w''' 1048x''' 1048y''' 1048z'''
THR. GROUP LID	1048a''' 1048b''' 1048c'''	1048d''' 1048e''' 1048f'''	1048g''' 1048h''' 1048i''' 1048j'''	1048k''' 1048l''' 1048m''' 1048n''' 1048o''' 1048p''' 1048q''' 1048r''' 1048s''' 1048t''' 1048u'''	1048v''' 1048w''' 1048x''' 1048y''' 1048z'''
THR. GROUP LID	1048a''' 1048b''' 1048c'''	1048d''' 1048e''' 1048f'''	1048g''' 1048h''' 1048i''' 1048j'''	1048k''' 1048l''' 1048m''' 1048n''' 1048o''' 1048p''' 1048q''' 1048r''' 1048s''' 1048t''' 1048u'''	1048v''' 1048w''' 1048x''' 1048y''' 1048z'''
THR. GROUP LID	1048a''' 1048b''' 1048c'''	1048d''' 1048e''' 1048f'''	1048g''' 1048h''' 1048i''' 1048j'''	1048k''' 1048l''' 1048m''' 1048n''' 1048o''' 1048p''' 1048q''' 1048r''' 1048s''' 1048t''' 1048u'''	1048v''' 1048w''' 1048x''' 1048y''' 1048z'''
THR. GROUP LID	1048a''' 1048b''' 1048c'''	1048d''' 1048e''' 1048f'''	1048g''' 1048h''' 1048i''' 1048j'''	1048k''' 1048l''' 1048m''' 1048n''' 1048o''' 1048p''' 1048q''' 1048r''' 1048s''' 1048t''' 1048u'''	1048v''' 1048w''' 1048x''' 1048y''' 1048z'''
THR. GROUP LID	1048a''' 1048b''' 1048c'''	1048d''' 1048e''' 1048f'''	1048g''' 1048h''' 1048i''' 1048j'''	1048k''' 1048l''' 1048m''' 1048n''' 1048o''' 1048p''' 1048q''' 1048r''' 1048s''' 1048t''' 1048u'''	1048v''' 1048w''' 1048x''' 1048y''' 1048z'''
THR. GROUP LID	1048a''' 1048b''' 1048c'''	1048d''' 1048e''' 1048f'''	1048g''' 1048h''' 1048i''' 1048j'''	1048k''' 1048l''' 1048m''' 1048n''' 1048o''' 1048p''' 1048q''' 1048r''' 1048s''' 1048t''' 1048u'''	1048v''' 1048w''' 1048x''' 1048y''' 1048z'''
THR. GROUP LID	1048a''' 1048b''' 1048c'''	1048d''' 1048e''' 1048f'''	1048g''' 1048h''' 1048i''' 1048j'''	1048k''' 1048l''' 1048m''' 1048n''' 1048o''' 1048p''' 1048q''' 1048r''' 1048s''' 1048t''' 1048u'''	1048v''' 1048w''' 1048x''' 1048y''' 1048z'''
THR. GROUP LID	1048a''' 1048b''' 1048c'''	1048d''' 1048e''' 1048f'''	1048g''' 1048h''' 1048i''' 1048j'''	1048k''' 1048l''' 1048m''' 1048n''' 1048o''' 1048p''' 1048q''' 1048r''' 1048s''' 1048t''' 1048u'''	1048v''' 1048w''' 1048x''' 1048y''' 1048z'''
THR. GROUP LID	1048a''' 1048b''' 1048c'''	1048d''' 1048e''' 1048f'''	1048g''' 1048h''' 1048i''' 1048j'''	1048k''' 1048l''' 1048m''' 1048n''' 1048o''' 1048p''' 1048q''' 1048r''' 1048s''' 1048t''' 1048u'''	1048v''' 1048w''' 1048x''' 1048y''' 1048z'''
THR. GROUP LID	1048a''' 1048b''' 1048c'''	1048d''' 1048e''' 1048f'''	1048g''' 1048h''' 1048i''' 1048j'''	1048k''' 1048l''' 1048m''' 1048n''' 1048o''' 1048p''' 1048q''' 1048r''' 1048s''' 1048t''' 1048u'''	1048v''' 1048w''' 1048x''' 1048y''' 1048z'''
THR. GROUP LID	1048a''' 1048b''' 1048c'''	1048d''' 1048e''' 1048f'''	1048g''' 1048h''' 1048i''' 1048j'''	1048k''' 1048l''' 1048m''' 1048n''' 1048o''' 1048p''' 1048q''' 1048r''' 1048s''' 1048t''' 1048u'''	1048v''' 1048w''' 1048x''' 1048y''' 1048z'''
THR. GROUP LID	1048a''' 1048b''' 1048c'''	1048d''' 1048e''' 1048f'''	1048g''' 1048h''' 1048i''' 1048j'''	1048k''' 1048l''' 1048m''' 1048n''' 1048o''' 1048p''' 1048q''' 1048r''' 1048s''' 1048t''' 1048u'''	1048v''' 1048w''' 1048x''' 1048y''' 1048z'''
THR. GROUP LID	1048a''' 1048b''' 1048c'''	1048d''' 1048e''' 1048f'''	1048g''' 1048h''' 1048i''' 1048j'''	1048k''' 1048l''' 1048m''' 1048n''' 1048o''' 1048p''' 1048q''' 1048r''' 1048s''' 1048t''' 1048u'''	1048v''' 1048w''' 1048x''' 1048y''' 1048z'''
THR. GROUP LID	1048a''' 1048b''' 1048c'''	1048d''' 1048e''' 1048f'''	1048g''' 1048h''' 1048i''' 1048j'''	1048k''' 1048l''' 1048m''' 1048n''' 1048o''' 1048p''' 1048q''' 1048r''' 1048s''' 1048t''' 1048u'''	1048v''' 1048w''' 1048x''' 1048y''' 1048z'''
THR. GROUP LID	1048a''' 1048b''' 1048c'''	1048d''' 1048e''' 1048f'''	1048g''' 1048h''' 1048i''' 1048j'''	1048k''' 1048l''' 1048m''' 1048n''' 1048o''' 1048p''' 1048q''' 1048r''' 1048s''' 1048t''' 1048u'''	1048v''' 1048w''' 1048x''' 1048y''' 1048z'''
THR. GROUP LID	1048a''' 1048b''' 1048c'''	1048d''' 1048e''' 1048f'''	1048g''' 1048h''' 1048i''' 1048j'''	1048k''' 1048l''' 1048m''' 1048n''' 1048o''' 1048p''' 1048q''' 1048r''' 1048s''' 1048t''' 1048u'''	1048v''' 1048w''' 1048x''' 1048y''' 1048z'''
THR. GROUP LID	1048a''' 1048b''' 1048c'''	1048d''' 1048e''' 1048f'''	1048g''' 1048h''' 1048i''' 1048j'''	1048k''' 1048l''' 1048m''' 1048n''' 1048o''' 1048p''' 1048q''' 1048r''' 1048s''' 1048t''' 1048u'''	1048v''' 1048w''' 1048x''' 1048y''' 1048z'''
THR. GROUP LID	1048a''' 1048b''' 1048c'''	1048d''' 1048e''' 1048f'''	1048g''' 1048h''' 1048i''' 1048j'''	1048k''' 1048l''' 1048m''' 1048n''' 1048o''' 1048p''' 1048q''' 1048r''' 1048s''' 1048t''' 1048u'''	1048v''' 1048w''' 1048x''' 1048y''' 1048z'''
THR. GROUP LID	1048a''' 1048b''' 1048c'''	1048d''' 1048e''' 1048f'''	1048g''' 1048h''' 1048i''' 1048j'''	1048k''' 1048l''' 1048m''' 1048n''' 1048o''' 1048p''' 1048q''' 1048r''' 1048s''' 1048t''' 1048u'''	1048v''' 1048w''' 1048x''' 1048y''' 1048z'''
THR. GROUP LID	1048a''' 1048b''' 1048c'''	1048d''' 1048e''' 1048f'''	1048g''' 1048h''' 1048i''' 1048j'''	1048k''' 1048l''' 1048m''' 1048n''' 1048o''' 1048p''' 1048q''' 1048r''' 1048s''' 1048t''' 1048u'''	1048v''' 1048w''' 1048x''' 1048y''' 1048z'''
THR. GROUP LID	1048a''' 1048b''' 1048c'''	1048d''' 1048e''' 1048f'''	1048g''' 1048h''' 1048i''' 1048j'''	1048k''' 1048l''' 1048m''' 1048n''' 1048o''' 1048p''' 1048q''' 1048r''' 1048s''' 1048t''' 1048u'''	1048v''' 1048w''' 1048x''' 1048y''' 1048z'''
THR. GROUP LID	1048a''' 1048b''' 1048c'''	1048d''' 1048e''' 1048f'''	1048g''' 1048h''' 1048i''' 1048j'''	1048k''' 1048l''' 1048m''' 1048n''' 1048o''' 1048p''' 1048q''' 1048r''' 1048s''' 1048t''' 1048u'''	1048v''' 1048w''' 1048x''' 1048y''' 1048z'''
THR. GROUP LID	1048a''' 1048b''' 1048c'''	1048d''' 1048e''' 1048f'''	1048g''' 1048h''' 1048i''' 1048j'''	1048k''' 1048l''' 1048m''' 1048n''' 1048o''' 1048p''' 1048q''' 1048r''' 1048s''' 1048t''' 1048u'''	1048v''' 1048w''' 1048x''' 1048y''' 1048z'''
THR. GROUP LID	1048a''' 1048b''' 1048c'''	1048d''' 1048e''' 1048f'''	1048g''' 1048h''' 1048i''' 1048j'''	1048k''' 1048l''' 1048m''' 1048n''' 1048o''' 1048p''' 1048q''' 1048r''' 1048s''' 1048t''' 1048u'''	1048v''' 1048w''' 1048x''' 1048y''' 1048z'''
THR. GROUP LID	1048a''' 1048b''' 1048c'''	1048d''' 1048e''' 1048f'''	1048g''' 1048h''' 1048i''' 1048j'''	1048k''' 1048l''' 1048m''' 1048n''' 1048o''' 1048p''' 1048q''' 1048r''' 1048s''' 1048t''' 1048u'''	1048v''' 1048w''' 1048x''' 1048y''' 1048z'''
THR. GROUP LID	1048a''' 1048b''' 1048c'''	1048d''' 1048e''' 1048f'''	1048g''' 1048h''' 1048i''' 1048j'''	1048k''' 1048l''' 1048m''' 1048n''' 1048o''' 1048p''' 1048q''' 1048r''' 1048s''' 1048t''' 1048u'''	1048v''' 1048w''' 1048x''' 1048y''' 1048z'''
THR. GROUP LID	1048a''' 1048b''' 1048c'''	1048d''' 1048e''' 1048f'''	1048g''' 1048h''' 1048i''' 1048j'''	1048k''' 1048l''' 1048m''' 1048n''' 1048o''' 1048p''' 1048q''' 1048r''' 1048s''' 1048t''' 1048u'''	1048v''' 1048w''' 1048x''' 1048y''' 1048z'''
THR. GROUP LID	1048a''' 1048b''' 1048c'''	1048d''' 1048e''' 1048f'''	1048g''' 1048h''' 1048i''' 1048j'''	1048k''' 1048l''' 1048m''' 1048n''' 1048o''' 1048p''' 1048q''' 1048r''' 1048s''' 1048t''' 1048u'''	1048v''' 1048w''' 1048x''' 1048y''' 1048z'''
THR. GROUP LID	1048a''' 1048b''' 1048c'''	1048d''' 1048e''' 1048f'''	1048g''' 1048h''' 1048i''' 1048j'''	1048k''' 1048l''' 1048m''' 1048n''' 1048o''' 1048p''' 1048q''' 1048r''' 1048s''' 1048t''' 1048u'''	1048v''' 1048w''' 1048x''' 1048y''' 1048z'''
THR. GROUP LID	1048a''' 1048b''' 1048c'''	1048d''' 1048e''' 1048f'''	1048g''' 1048h''' 1048i''' 1048j'''	1048k''' 1048l''' 1048m''' 1048n''' 1048o''' 1048p''' 1048q''' 1048r''' 1048s''' 1048t''' 1048u'''	1048v''' 1048w''' 1048x''' 1048y''' 1048z'''
THR. GROUP LID	1048a''' 1048b''' 1048c'''	1048d''' 1048e''' 1048f'''	1048g''' 1048h''' 1048i''' 1048j'''	1048k''' 1048l''' 1048m''' 1048n''' 1048o''' 1048p''' 1048q''' 1048r''' 1048s''' 1048t''' 1048u'''	1048v''' 1048w''' 1048x''' 1048y''' 1048z'''
THR. GROUP LID	1048a''' 1048b''' 1048c'''	1048d''' 1048e''' 1048f'''	1048g''' 1048h''' 1048i''' 1048j'''	1048k''' 1048l''' 1048m''' 1048n''' 1048o''' 1048p''' 1048q''' 1048r''' 1048s''' 1048t''' 1048u'''	1048v''' 1048w''' 1048x''' 1048y''' 1048z'''
THR. GROUP LID	1048a''' 1048b''' 1048c'''	1048d''' 1048e''' 1048f'''	1048g''' 1048h''' 1048i''' 1048j'''	1048k''' 1048l''' 1048m''' 1048n''' 1048o''' 1048p''' 1048q''' 1048r''' 1048s''' 1048t''' 1048u'''	1048v''' 1048w''' 1048x''' 1048y''' 1048z'''
THR. GROUP LID	1048a''' 1048b''' 1048c'''	1048d''' 1048e''' 1048f'''	1048g''' 1048h''' 1048i''' 1048j'''	1048k''' 1048l''' 1048m''' 1048n''' 1048o''' 1048p''' 1048q''' 1048r''' 1048s''' 1048t''' 1048u'''	1048v''' 1048w''' 1048x''' 1048y''' 1048z'''
THR. GROUP LID	1048a''' 1048b''' 1048c'''	1048d''' 1048e''' 1048f'''	1048g''' 1048h''' 1048i''' 1048j'''	1048k''' 1048l''' 1048m''' 1048n''' 1048o''' 1048p''' 1048q''' 1048r''' 1048s''' 1048t''' 1048u'''	1048v''' 1048w''' 1048x''' 1048y''' 1048z'''
THR. GROUP LID	1048a''' 1048b''' 1048c'''	1048d''' 1048e''' 1048f'''	1048g''' 1048h''' 1048i''' 1048j'''	1048k''' 1048l''' 1048m''' 1048n''' 1048o''' 1048p''' 1048q''' 1048r''' 1048s''' 1048t''' 1048u'''	1048v''' 1048w''' 1048x''' 1048y''' 1048z'''
THR. GROUP LID	1048a''' 1048b''' 1048c'''	1048d''' 1048e''' 1048f'''	1048g''' 1048h''' 1048i''' 1048j'''	1048k''' 1048l''' 1048m''' 1048n''' 1048o''' 1048p''' 1048q''' 1048r''' 1048s''' 1048t''' 1048u'''	1048v''' 1048w''' 1048x''' 1048y''' 1048z'''
THR. GROUP LID	1048a''' 1048b''' 1048c'''	1048d''' 1048e''' 1048f'''	1048g''' 1048h''' 1048i''' 1048j'''	1048k''' 1048l''' 1048m''' 1048n''' 1048o''' 1048p''' 1048q''' 1048r''' 1048s''' 1048t''' 1048u'''	1048v''' 1048w''' 1048x''' 1048y''' 1048z'''
THR. GROUP LID	1048a''' 1048b''' 1048c'''	1048d''' 1048e''' 1048f'''	1048g''' 1048h''' 1048i''' 1048j'''	1048k''' 1048l''' 1048m''' 1048n''' 1048o''' 1048p''' 1048q''' 1048r''' 1048s''' 1048t''' 1048u'''	1048v''' 1048w''' 1048x''' 1048y''' 1048z'''
THR. GROUP LID	1048a''' 1048b''' 1048c'''	1048d''' 1048e''' 104			

FIG. 71

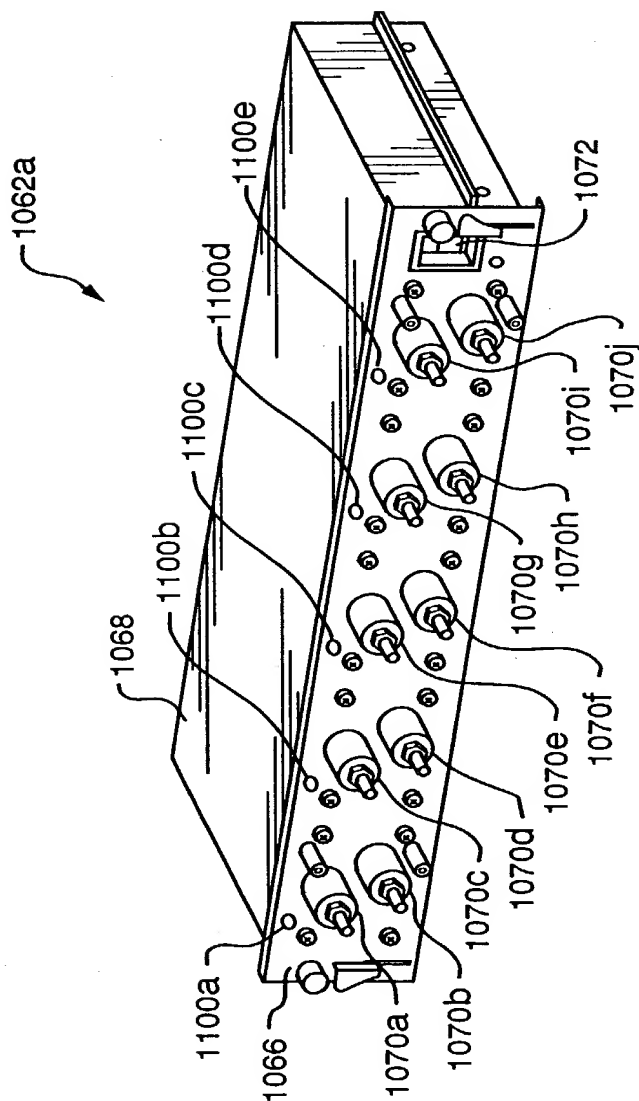
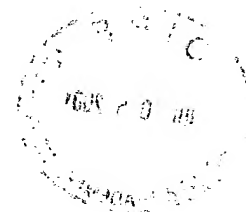


FIG. 72A

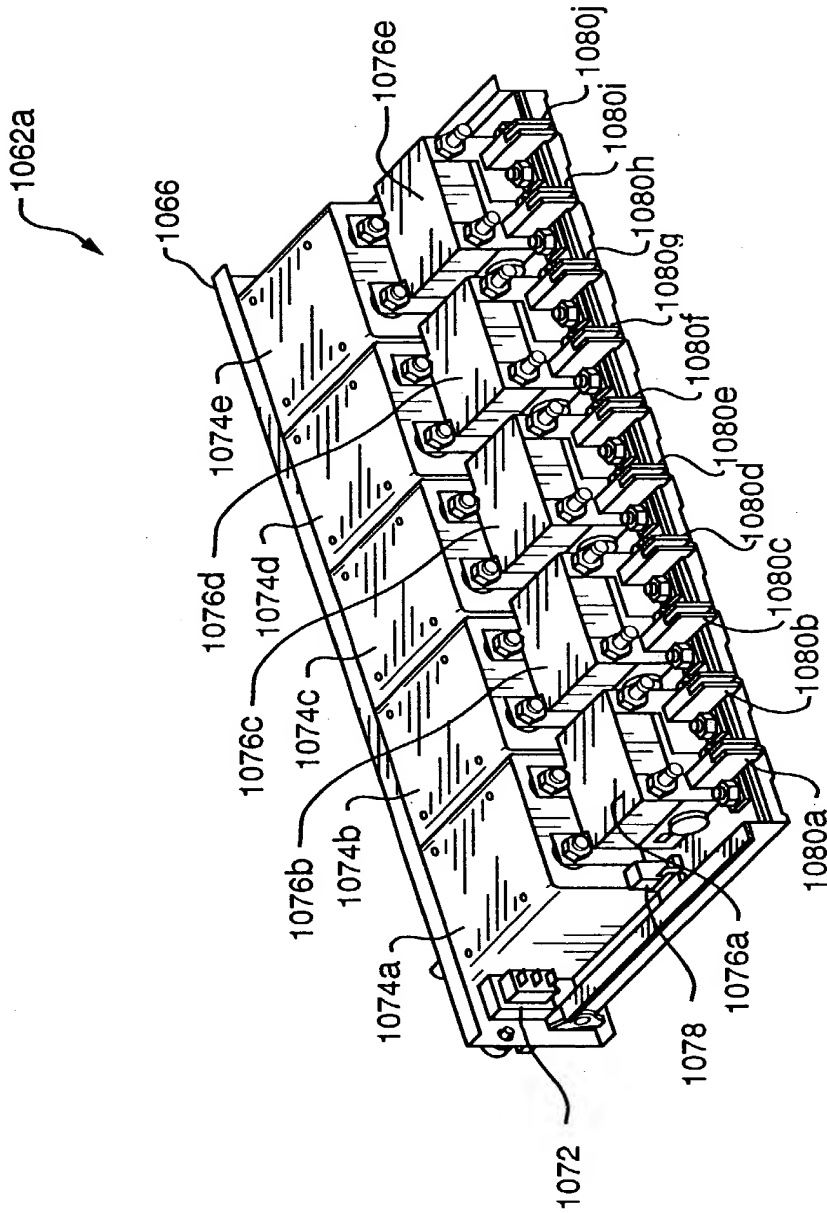
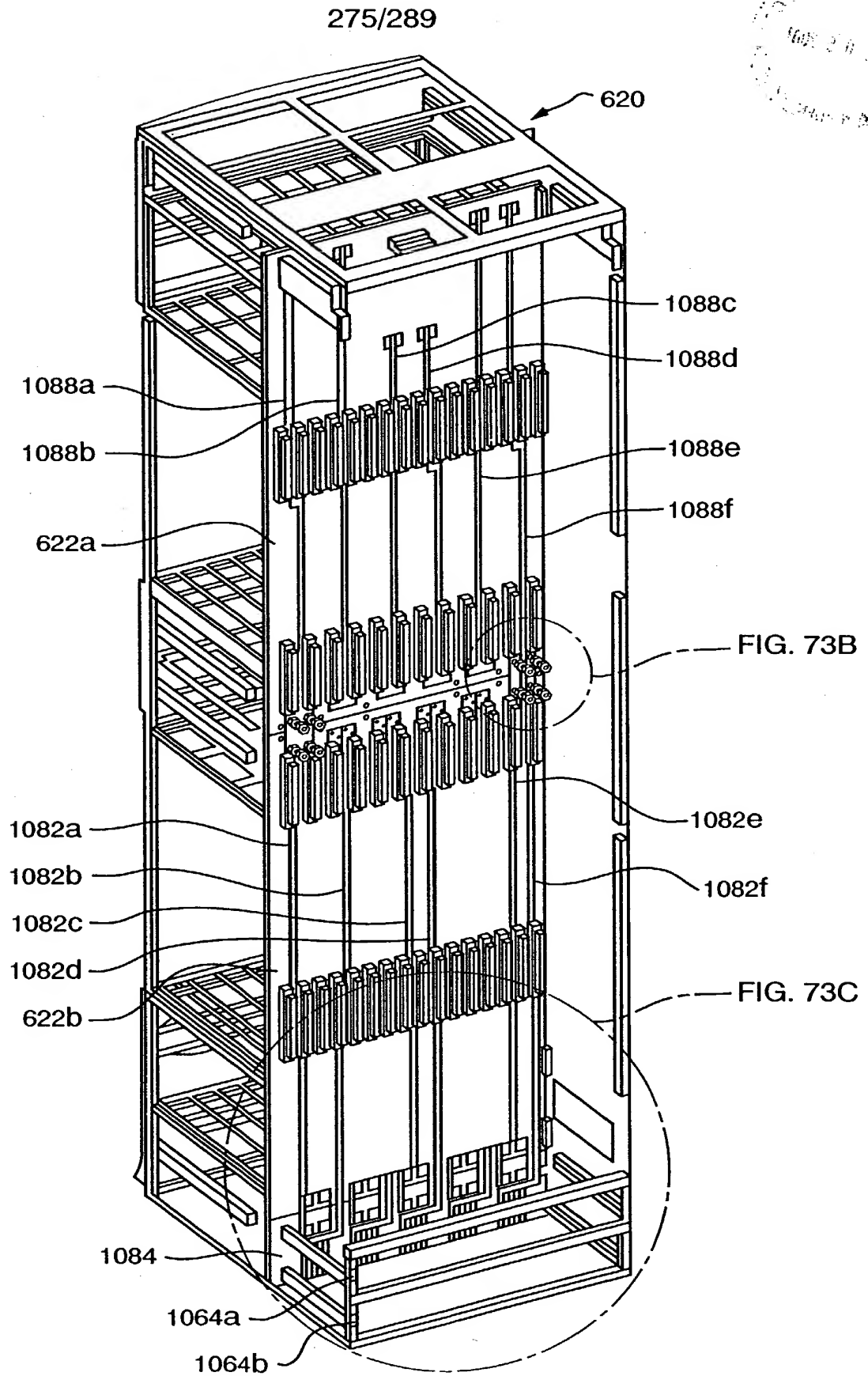


FIG. 72B



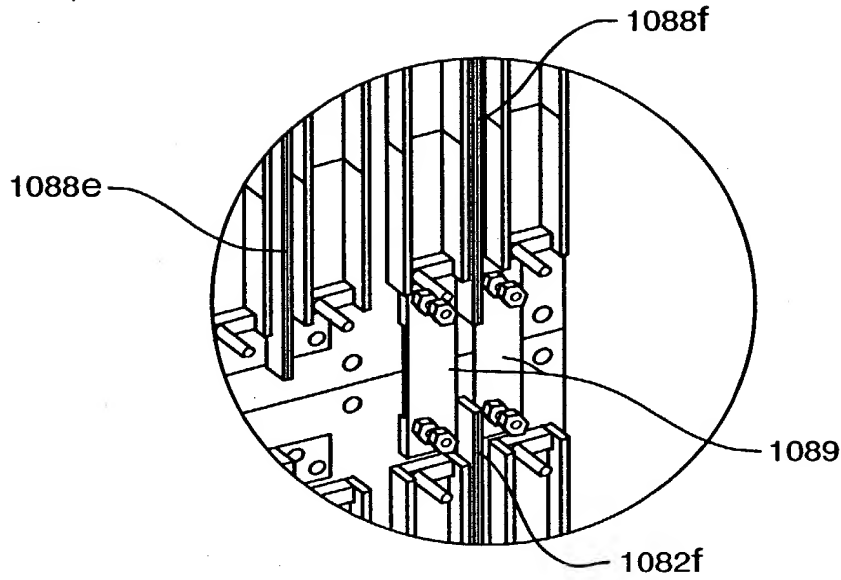
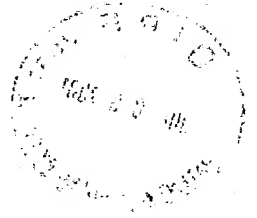


FIG. 73B

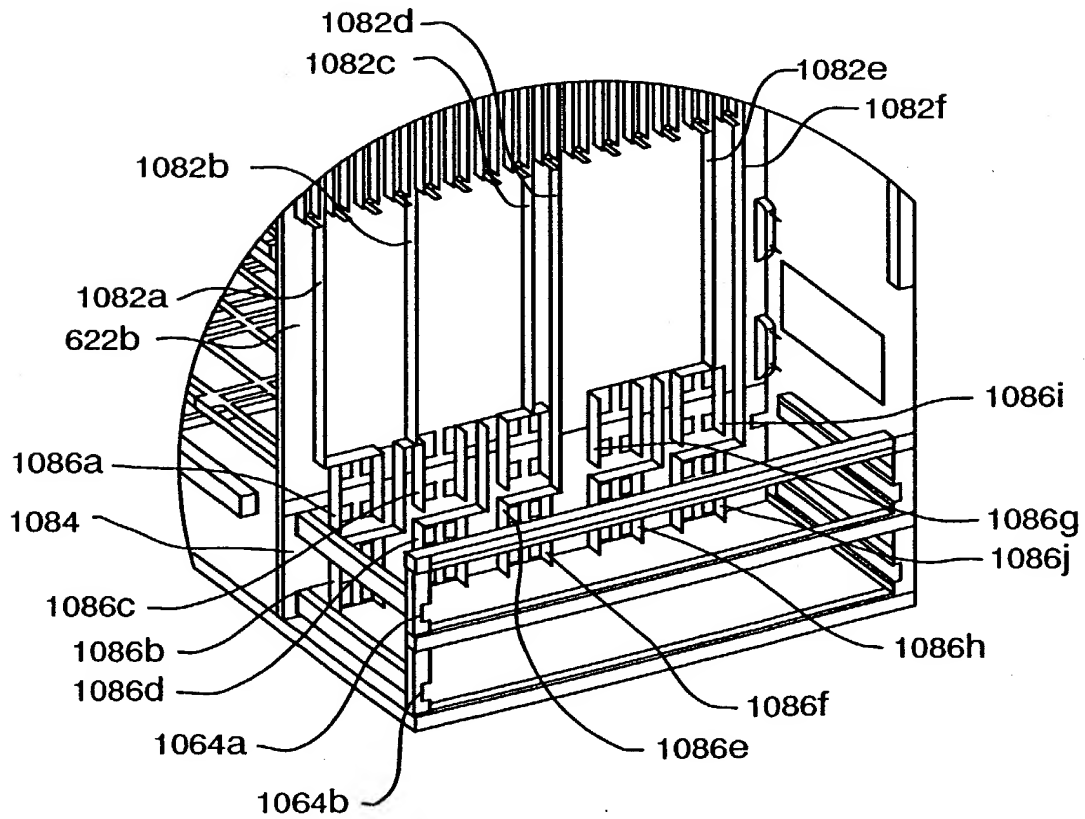


FIG. 73C

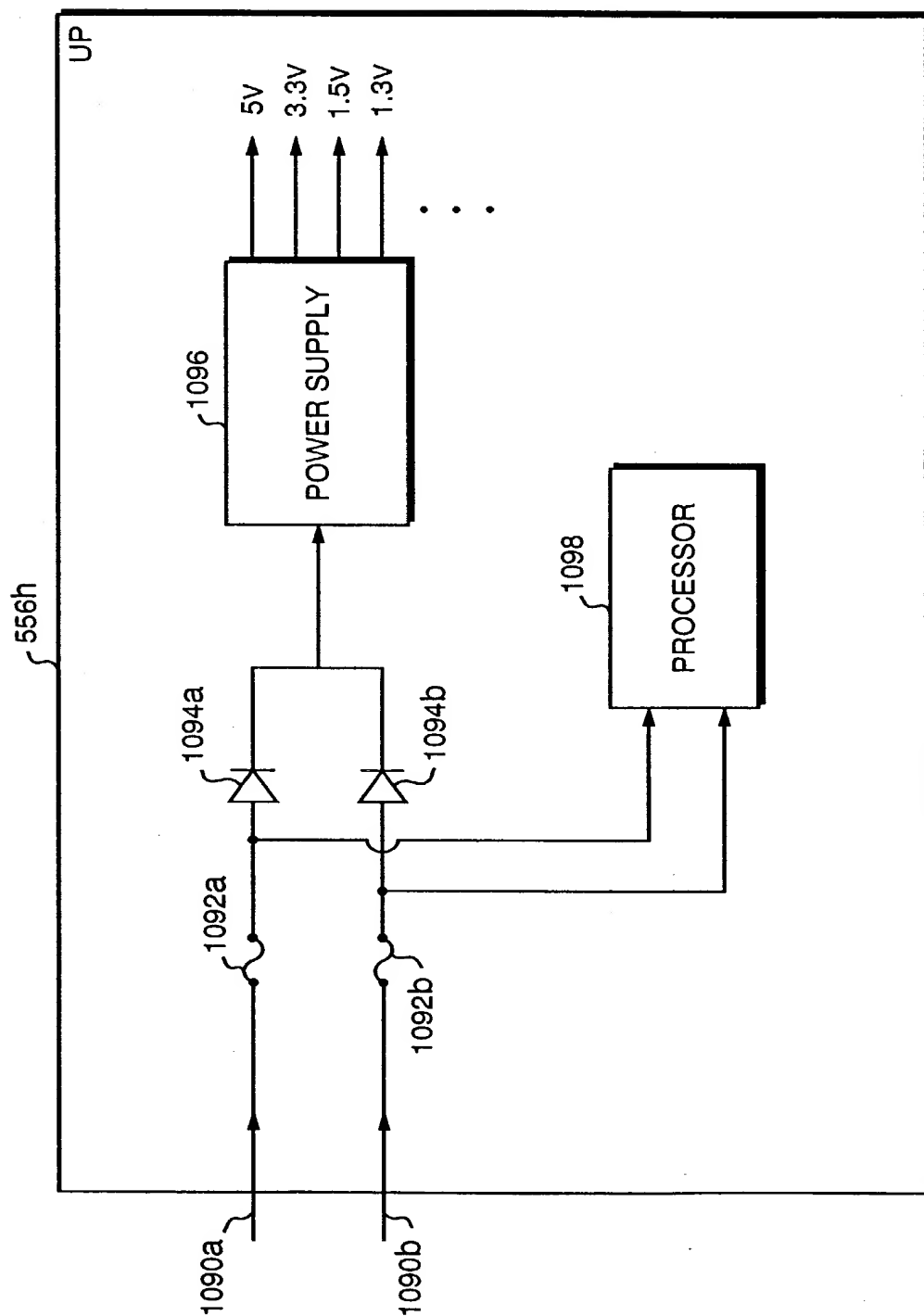


FIG. 74



1102

EvailNet Manager: 192.168.9.202-Virtual Connection Wizard

Source: 192.168.9.202 Destination: 192.168.9.202

End Point 1

Slot 4
Port 1
ATM-Path1_11/4/1
ATM-Path2_11/4/1
test1
test2
Port 2
Port 3
Port 4

End Point 1

Slot 3
Slot 4
Slot 5
Port 1
Port 2
ATM-Path1_11/5/2
test3
ATM-Path2_11/5/2
ATM-Path3_11/5/2

Connection Parameters

Connection Name: test

Admin Status: Up

Customer Name:

End Point 1 Parameters:

VPI: 1102e VPI Index

VCI:

Transmit Traffic Descriptor: VBR-high

Receive Traffic Descriptor: VBR-high

☐ Use the same Traffic Descriptor for both Transmit and Receive

End Point 2 Parameters:

VPI: 1102f VPI Index

VCI:

Transmit Traffic Descriptor: VBR-high

Receive Traffic Descriptor: VBR-high

☐ Use the same Traffic Descriptor for both Transmit and Receive

1102a

1102b

FIG. 75

1102

EvailNet Manager: 192.168.9.202-Virtual Connection Wizard

Source: 192.168.9.202 Destination: 192.168.9.202

End Point 1

Slot 4
Port 1
ATM-Path1_11/4/1
ATM-Path2_11/4/1
test1
test2
Port 2
Port 3
Port 4

End Point 1

Slot 3
Slot 4
Slot 5
Port 1
Port 2
ATM-Path1_11/5/2
test3
ATM-Path2_11/5/2
ATM-Path3_11/5/2

Connection Parameters

Connection Name: test

Admin Status: Up

Customer Name: Customer List

End Point 1 Parameters:

VPI: 1102e VPI/VCI Index

VCI: 1102g

Transmit Traffic Descriptor: VBR-high Add Traffic Descriptor...

Receive Traffic Descriptor: VBR-high

☐ Use the same Traffic Descriptor for both Transmit and Receive

End Point 2 Parameters:

VPI: 1102f VPI/VCI Index

VCI: 1102h

Transmit Traffic Descriptor: VBR-high Add Traffic Descriptors...

Receive Traffic Descriptor: VBR-high

☐ Use the same Traffic Descriptor for both Transmit and Receive

<<Back Finish Cancel

1102c

1102d

FIG. 76

102689-73

280/289

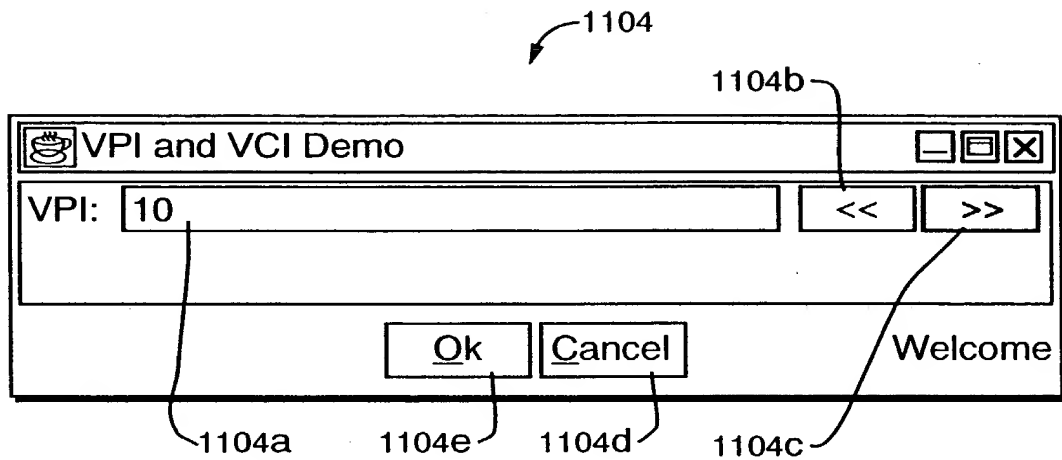
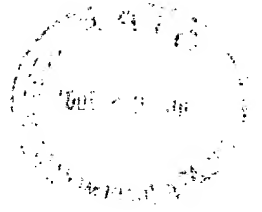


FIG. 77

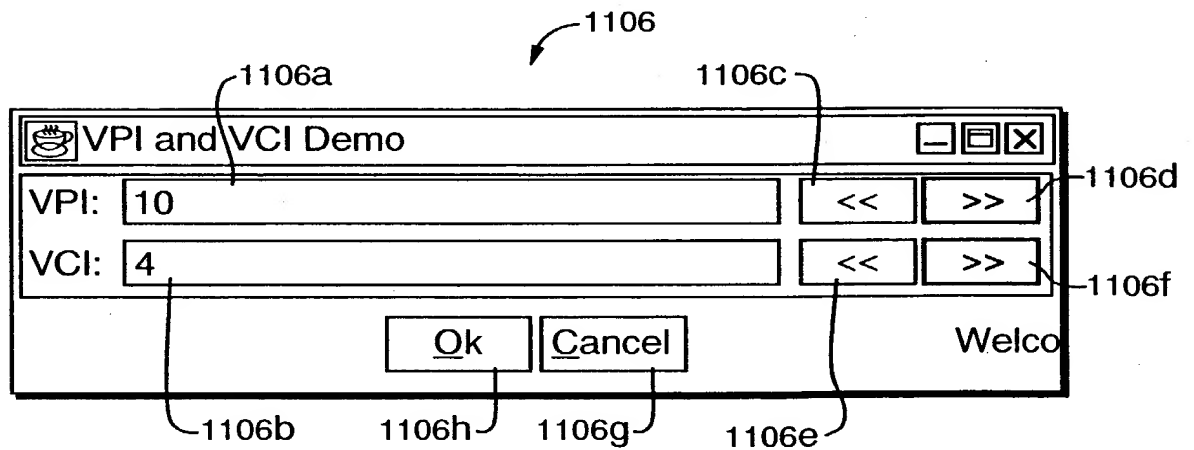


FIG. 78

281/289

1102

EvailNet Manager: 192.168.9.202-Virtual Connection Wizard

Source: 192.168.9.202 Destination: 192.168.9.202

End Point 1

Slot 4
Port 1
 ATM-Path1_11/4/1
 ATM-Path2_11/4/1
 test2
 test1
Port 2
Port 3
Port 4

End Point 1

Slot 3
Slot 4
Slot 5
Port 1
Port 2
 ATM-Path1_11/5/2
 test3
 ATM-Path2_11/5/2
 ATM-Path3_11/5/2

Connection Parameters

Connection Name: test

Admin Status: Up

Customer Name:

End Point 1 Parameters:

VPI: 1102e 1102j ☒ Use Any VPI Value

VCI: 1102g 1102i ☒ Use Any VCI Value

Transmit Traffic Descriptor: VBR-high 1102j

Receive Traffic Descriptor: VBR-high

☐ Use the same Traffic Descriptor for both Transmit and Receive

End Point 2 Parameters:

VPI: 1102f 1102j ☒ Use Any VPI Value

VCI: 1102h 1102i ☒ Use Any VCI Value

Transmit Traffic Descriptor: VBR-high 1102j

Receive Traffic Descriptor: VBR-high

☐ Use the same Traffic Descriptor for both Transmit and Receive

FIG. 79

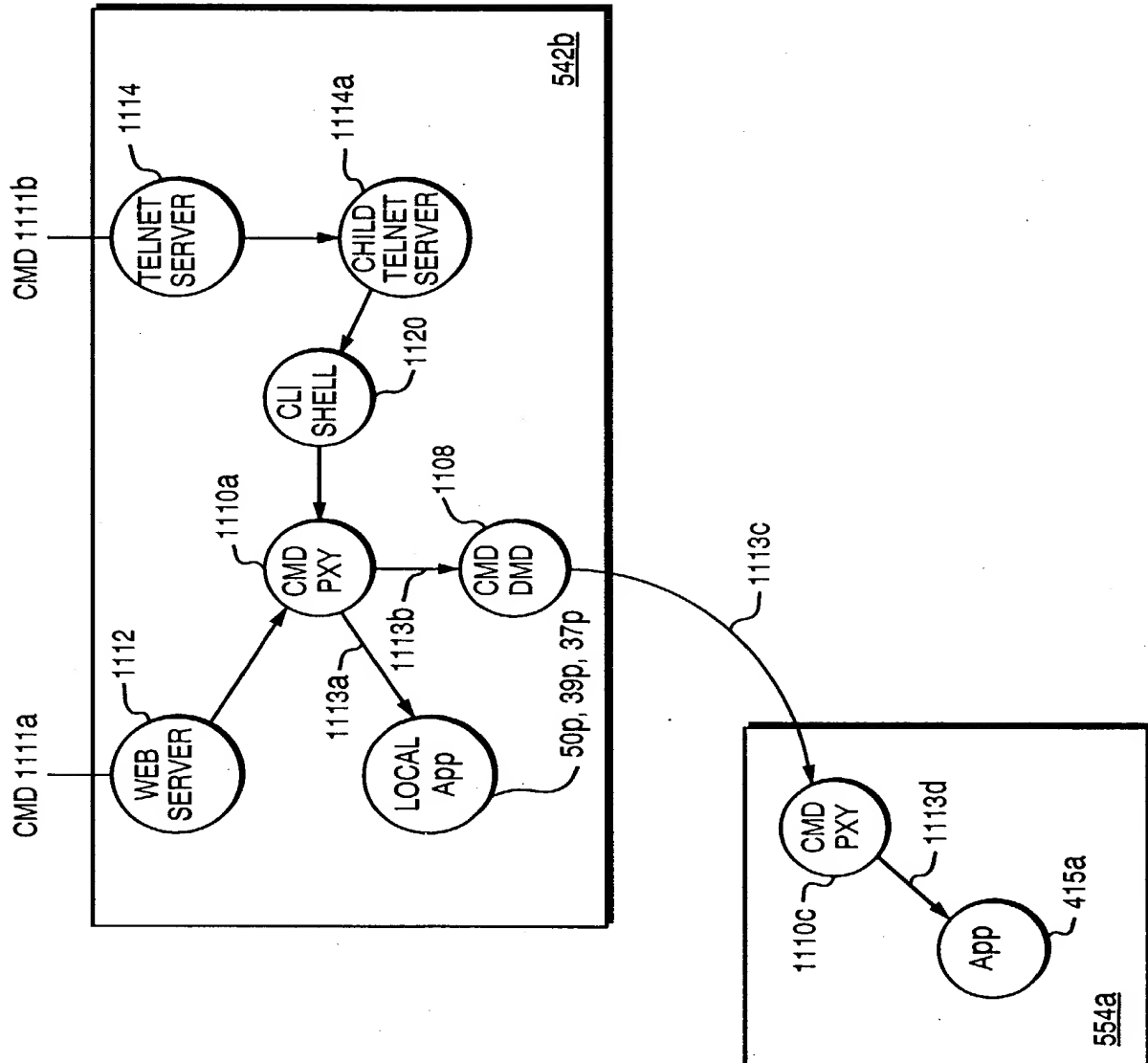


FIG. 81

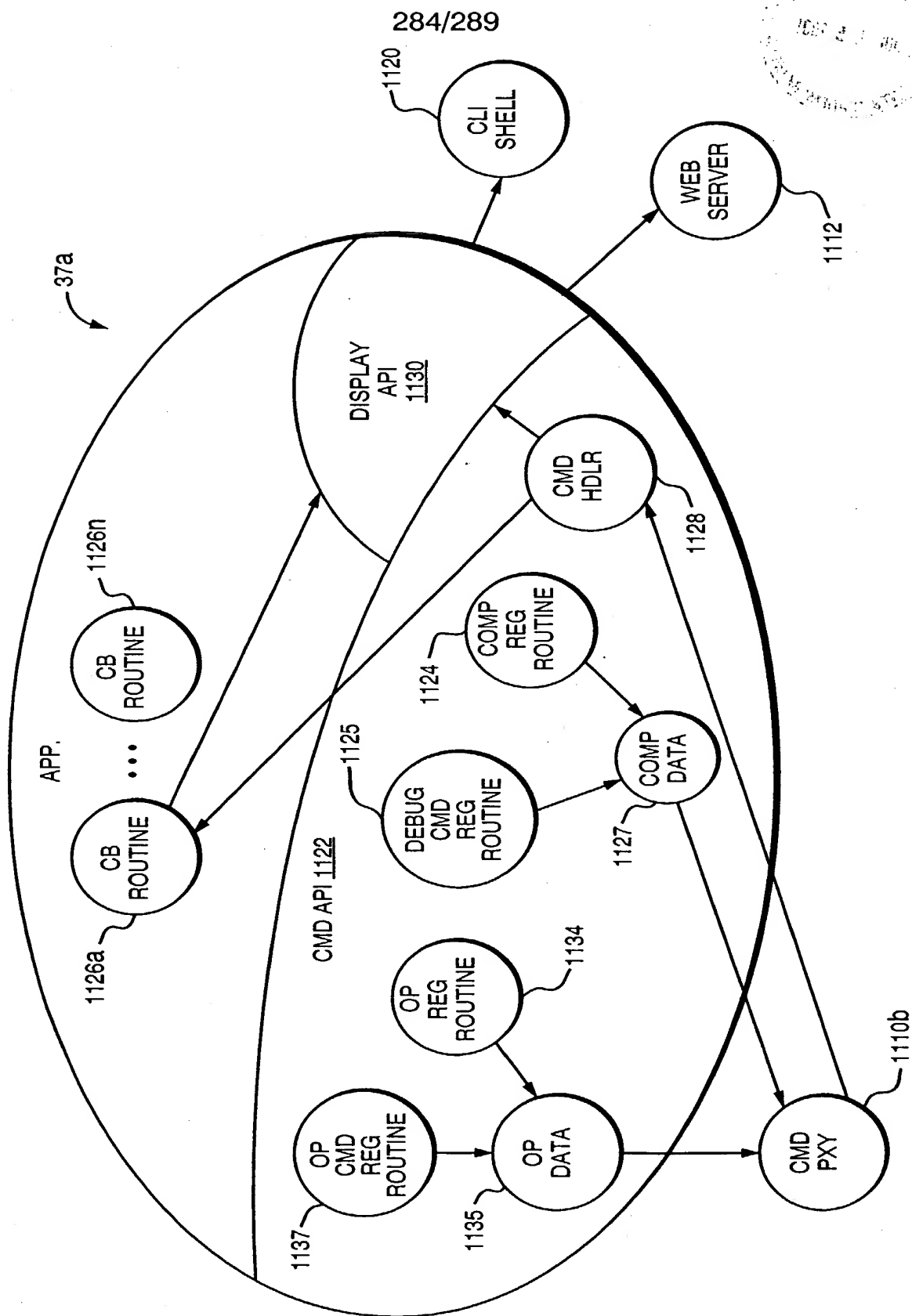


FIG. 82

